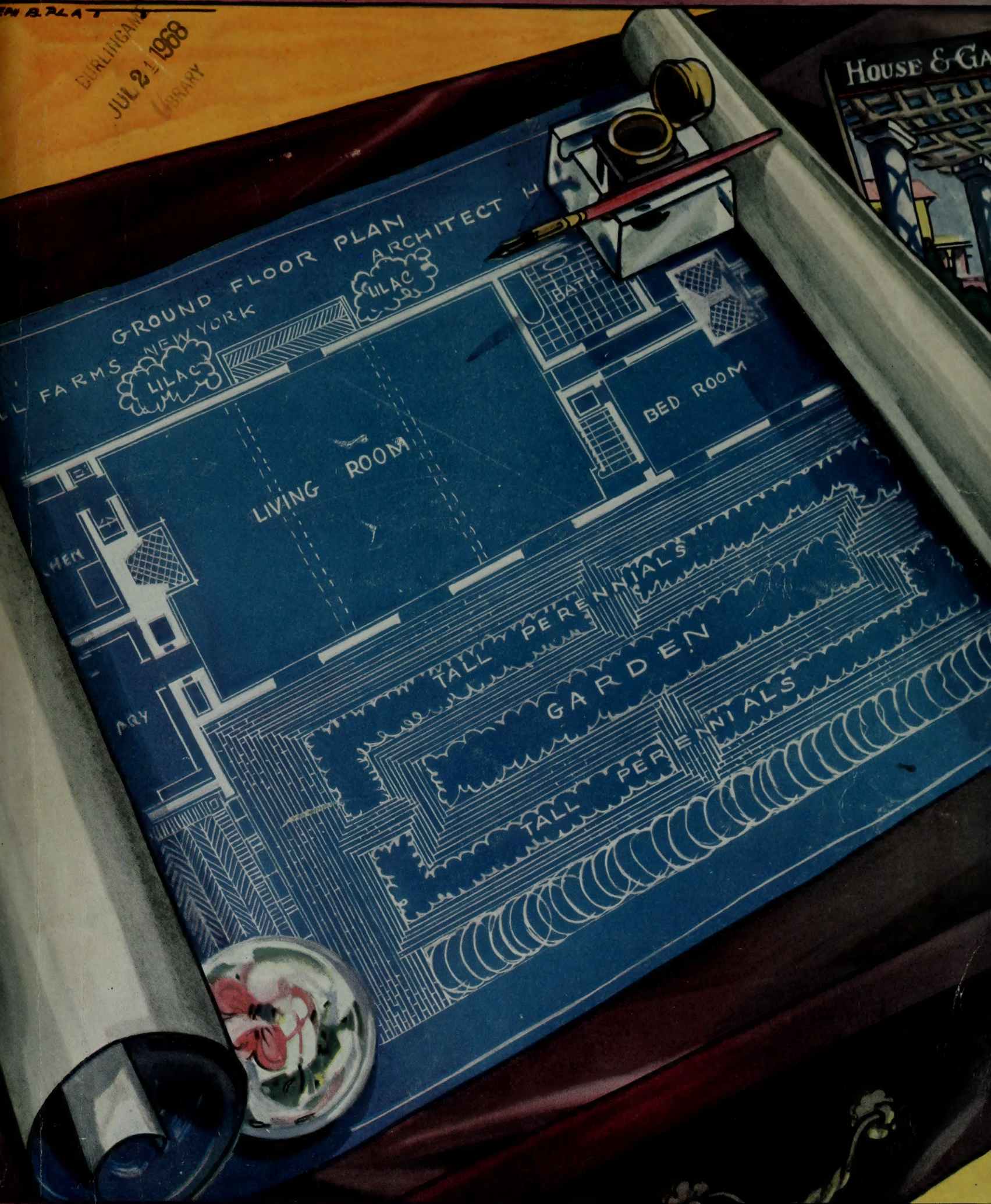


Every person who maliciously cuts, defaces, breaks or injures any book, map, chart, picture, engraving, statue, coin, model, apparatus, or other work of literature, art, mechanics or object of curiosity, deposited in any public library, gallery, museum or collection is guilty of a misdemeanor.

Penal Code of California,
1915, Section 623.

239245

HOUSE & GARDEN



Annual Building Number



If about to build or remodel
write for 64-page catalogue
"Standard" Plumbing Fixtures
for the Home.



"Standard"
PLUMBING FIXTURES

Standard Sanitary Mfg. Co.
Pittsburgh



Res. of James Gilmore, Esq., Reg. Arch. Cincinnati, Ohio, Bishopric Ivory Cream Stucco over Bishopric Base on all exteriors.

Stucco walls of greater strength

Ordinary Stucco



Bishopric Stucco



The enormous tensile strength of Bishopric Stucco is illustrated here. This is just one of the Bishopric guarantees of permanence on the wall.

How Bishopric provides *lasting beauty and protection* for your home

Rare beauty of shade and texture, with permanent protection from the elements are exclusive Bishopric qualities that are being appreciated more and more by those interested in home-building. BISHOPRIC is a super-stucco with greatly increased strength, thus providing durability and protection so vital to every building, whether it be large or small. In Bishopric only can be obtained the wide variety of beautiful shades and textures now demanded by those who appreciate the best. With Bishopric, beauty and protection go hand in hand.

Tensile strength tests show BISHOPRIC far superior to other stuccoes.

BISHOPRIC is fireproof, magnesia rock used is the same as that used to line furnaces and smelters — Tremendous heat has no effect on it.

BISHOPRIC is thoroughly water-proofed by a secret process shutting out moisture, cold, heat, wind and vermin.

BISHOPRIC Insulation Qualities are practically perfect, retarding heat and cold, eliminating objectionable noises.

BISHOPRIC requires no painting or renewing—A wall built to stand for generations.

In mansion or bungalow, Bishopric Stucco has a place, whether laid over stately lines or designed after those quaint cottage effects, now so popular.

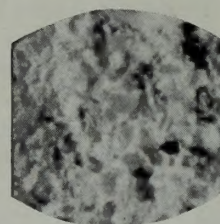
Bishopric Stucco endures in every clime, retaining its strength and original color in temperatures of either extreme. Economical in original cost, negligible in upkeep, warm in winter and cool in summer, BISHOPRIC STUCCO over BISHOPRIC BASE not only wins friends but keeps them. And no wonder, for it yields itself to any form and endures from generation unto generation.

An interesting booklet, "Bishopric For All Time and Clime," illustrated with photographs of beautiful houses built with Bishopric Stucco, plaster and sheathing units will be mailed you Free.

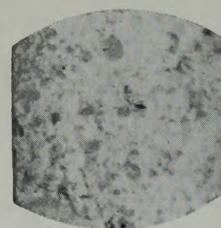
Bishopric is Sold by Dealers Everywhere

The BISHOPRIC MANUFACTURING CO.
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NEW YORK CITY CINCINNATI OTTAWA, CANADA
The BISHOPRIC MFG. CO. OF CALIFORNIA
LOS ANGELES

Ordinary Stucco



The average stucco being marketed today is extremely porous and therefore NOT WATER-PROOF. Notice the spongy porous formation in this enlargement and compare the density of Bishopric shown below.



Bishopric Stucco

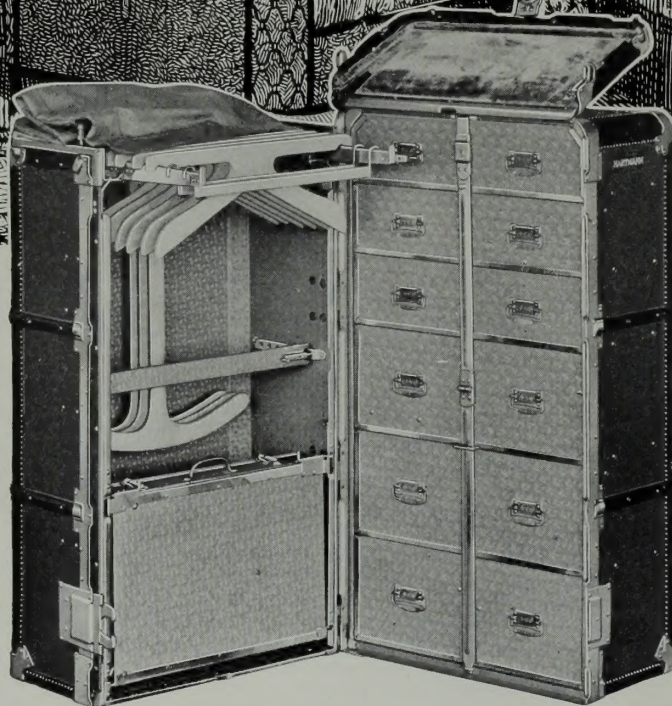
BISHOPRIC STUCCO *over* BISHOPRIC BASE

"A Complete Wall Unit for all Time and Clime"



CHAMBRE A COUCHER, HOTEL DE M. R. A PARIS
PAR MAURICE DUFRENE

BACK of all achievement is love of the work. Two generations have built Hartmann trunks. Always present has been that desire to excel—that feeling of pride. And the knowledge that every trunk bears the name has played its part. Instinct tells you, when you look at a Hartmann Wardrobe Trunk, that it has that indefinable something we call “quality.” And ownership proves instinct right. Sold only by dealers who believe in unusual quality at usual prices.



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M. Langmuir Manufacturing Company, Ltd., Toronto
Licensed Canadian Manufacturers
J. B. Brooks & Co., Ltd., Great Charles St., Birmingham, Eng.
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Over half a million in use
—quality tells

© 1925, by Hartmann Trunk Co.



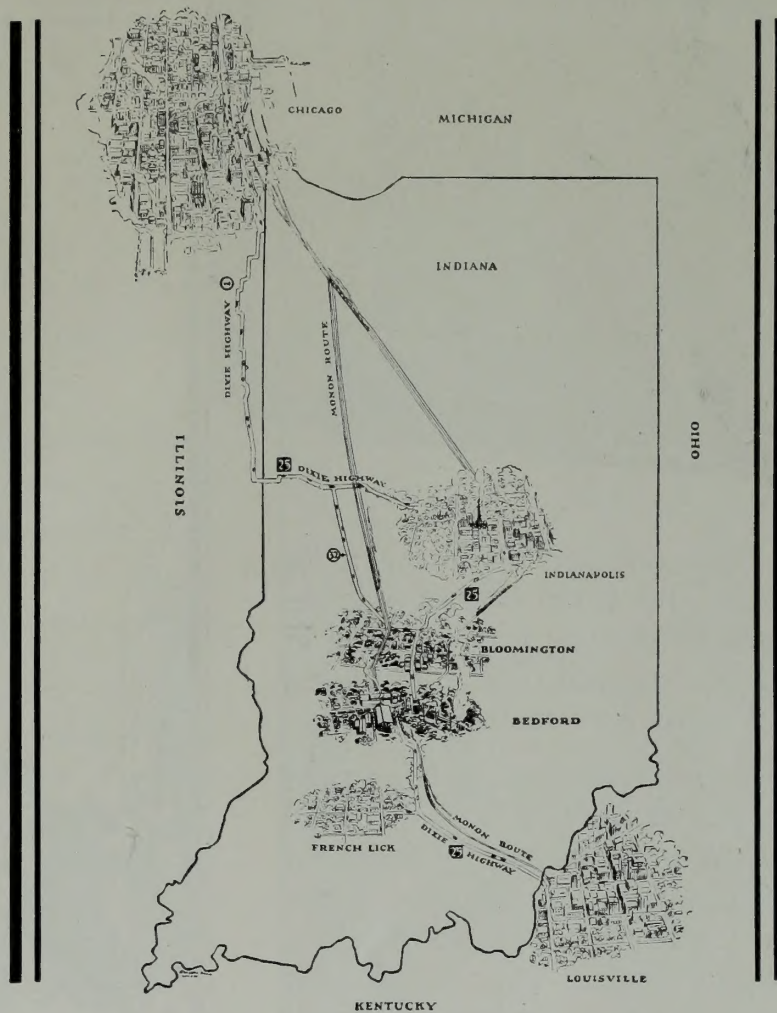
HARTMANN TRUNKS

BE SURE THE HARTMANN RED X IS ON THE TRUNK YOU BUY

BUILD THE NATION SECURELY WITH

INDIANA LIMESTONE

The NATION'S BUILDING STONE



An Invitation

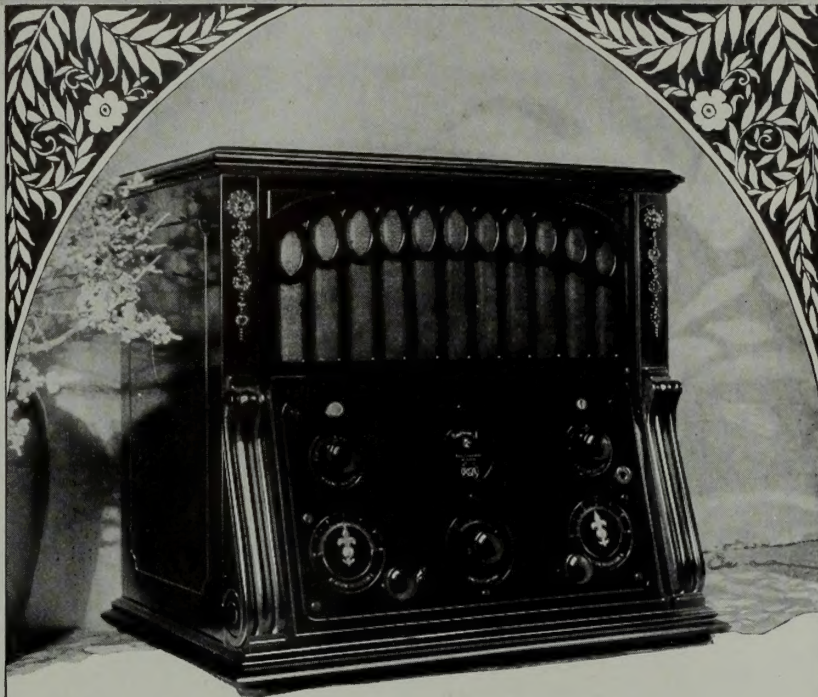
BRIGHT prospects mark the opening of the New Year. The business horizon is aglow, for fundamental conditions never were sounder. Building construction will continue in large volume. Steady growth of the nation makes this inevitable. Builders are anticipating their 1925 needs. During the next two months thousands will visit the famous Limestone district. When the quarry pits are roaring, the Bedford-Bloomington countryside becomes a vast panorama of engineering skill. The scarred hills of natural stone are an irresistible fascination.

From French Lick Springs, the Land of Stone can be reached in a single hour. Motorists use the Dixie Highway for Bedford and Bloomington, which are midway between Indianapolis and Louisville.

Every prospective builder should make this trip a part of his New Year schedule, for it combines business, education and pleasure.

INDIANA LIMESTONE QUARRYMEN'S ASSOCIATION
BEDFORD, INDIANA
(782)

RADIOLA X



RADIOLA X
—the famous Regenoflex circuit, in a rich mahogany cabinet, with a built-in loudspeaker, and space for the batteries. With four Radiotrons WD-11. Complete except batteries and antenna, \$245

THE "distance fan" is now a listener! The thrill of radio is no longer in getting fifty stations in a night, for radio has conquered distance, and turns now to music.

Music from far stations—music from near stations—*clear and true!* No longer will horn sounds, noises, thinned and flattened tones pass for music because they come from far away. In the Radiola X, each thread of sound reaches your room as it was played or sung—in full richness. Speech is clear, voices are *real*.

The engineers have kept pace with the broadcasters—have improved reception to meet an ever-widening world of fun. With the simplicity, the beauty, and the *tone quality* of Radiola X, the home becomes a fascinating corner in a world of new interests and new pleasures—for *everybody*.

"There's a Radiola for every purse"

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Radiola

REG. U. S. PAT. OFF.



RADIOLA REGENOFLEX
—sensitive, clear-toned, non-radiating. With four Radiotrons WD-11 and Radiola Loudspeaker. Space inside for the batteries. Entirely complete except batteries and antenna, \$191
Uses only dry batteries.



This symbol of
quality is your
protection

Sarook, Teheran, Ispahan, and Tabriz are among the districts of Persia whose rugs you find at Macy's. And from China comes a rug, new to America, which is



exclusive at Macy's. Its tones of red, blue, and mulberry are unsurpassable in lustre, yet the prices are surprisingly moderate. Ask to see Macy's new Chinese rug.

MACY'S BUYER WENT A LONG WAY TO SAVE YOU MONEY

PERSIAN RUGS, the best of Orientals, are woven in villages more than ten thousand miles from New York. Rarely do department store buyers travel to Persia, and beyond.

But Macy's Oriental rug buyer made this journey recently; he went from New York to Bombay, then to Bagdad, and through the heart of northern Persia, and finally to Cashmere and the borders of Afghanistan.

His long excursion was worth while; for he bought thousands of rugs for less than they would cost at wholesale in New York, and you will now find them at Macy's at prices which spell *real* savings—prices that are the lowest. quality for quality, in New York.



A snapshot taken in Hamadan, Persia. On the rug bales you will see the initials R. H. M. Rowland H. Macy died before the age of snapshots—yet he, too, never hesitated to travel overseas, so that his patrons might be better served, and his sturdy example is followed by the people of the institution which he founded.



These two Persian rugs from Macy's collection are antique Senna Kurdistans, priced respectively \$348 and \$478. The Chinese bronze temple bell of the Han Dynasty is from Macy's remarkable Far East Department, adjoining the Oriental Rug Department on the sixth floor. Price, \$124.

R. H. Macy & Co
Inc.

34th ST. & BROADWAY • NEW YORK CITY

GUMWOOD—ONE OF AMERICA'S FINEST CABINET HARDWOODS

One of Nature's riddles

THE pattern in figured gumwood obeys no laws; it ramifies through the wood at random. Fine effects are eagerly sought for modern interiors.



Gumwood for solid parts permits extra value in design, construction, finish, and surface woods used



Entire base and carved end-supports of American gumwood



All but the inlaid top is gumwood



Frame, legs, and mirror supports of durable and dependable gumwood



All gumwood except ornamental panels



Solid gumwood finished natural



No other cabinet hardwood yields more exquisitely matched panels than figured American gumwood.

Long esteemed abroad now appreciated at home

EUROPE has always recognized the exquisite beauty of a certain American hardwood. Spain pays duty on it, as an "imported" wood of surpassing quality. Cabinetmakers of other countries have long prized its rare individuality, with a texture resembling satin.

Today America acclaims its own

American Gumwood proudly asserts its name and title to a leading place among cabinet hardwoods. Architects now panel the lobbies of many of our most pretentious hotels with richly figured panels of this native wood, finished in its own natural delicate coloring. Modern homes are enriched by the characteristic

warm tones of plain gum woodwork.

The wood that brings good furniture within reach

Furniture manufacturers have long valued American gumwood in the construction of their best furniture; its structural qualities are proved. It readily takes a finish in harmony with other hardwoods combined with it. More actual value may be put into the design of the piece, in the artistic treatment of other woods selected for surfaces, when gumwood is used for solid parts. The utmost in design, construction, and finish is achieved, with maximum economy. Ask any furniture dealer.

Retail stores the country over offer for sale good furniture in which American gumwood is used; they so advertise it, and endorse it to the public.



Virgin stand of American Gumwood

Write the Gumwood Service Bureau of the Hardwood Manufacturers Institute, Memphis, Tenn., for further information.

In the living room or library where long midwinter days are enjoyed, comfortable, deep-seated chairs and couches lend dignity and intimacy.



Upholstered Furniture

Made by Our Own Specialists

In our own furniture workrooms, where specialists supervise design and construction, the quality of the work rather than quantity is the goal. So each piece achieves an individuality that distinguishes it from commonplace furniture of this type. The slender, graceful lines of the Tuxedo, Chesterfield, Lawson and many other designs, give them a lightness and delicacy that in no way detracts from their comfort. For they are luxuriously soft and deep-seated, and so well-constructed that they will endure long, hard service and retain their beauty and shape.

SIXTH FLOOR

Lord & Taylor

FIFTH AVENUE • NEW YORK

You may select the colors and upholstery to harmonize with your home, from an extensive collection of fabrics.

Denim, sateen, mohair, Radnor cloth, velvets, tapestries and a variety of other fabrics of fine quality—plain, figured or striped.

Arm chairs, wing chairs, boudoir chairs, chaises longues, davenports, benches and stools.

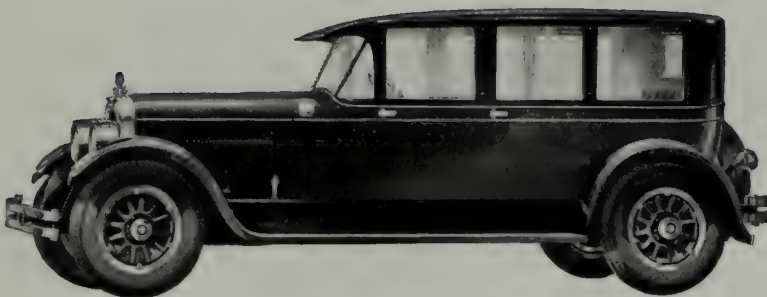
Lawson chairs and davenports covered in striped and plain Radnor cloth and made in our workrooms are shown in the Home Interiors, Sixth Floor.



Only \$130 more than an open car
The New Marmon Brougham Coupe, a
smartly proportioned four-door car for
five passengers, \$3295



The New Marmon Five-Passenger
Sedan de luxe, \$3775



The New Marmon Seven-Passenger
Sedan de luxe, \$3850

The New



The New Marmon Roadster, \$3165



The New Marmon Phaeton,
for five passengers, \$3165



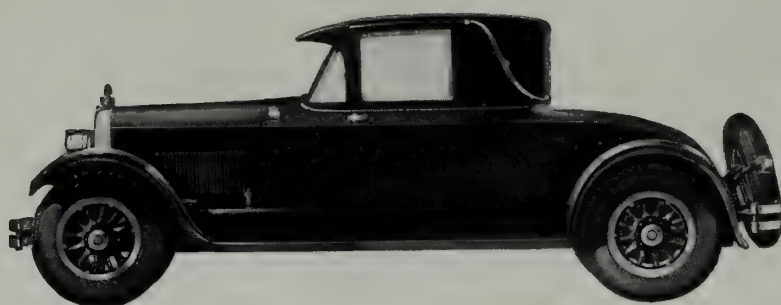
The New Marmon Touring Car,
for seven passengers, \$3165



Only \$130 more than an open car—The New Marmon Sedan, a full-sized, four-door Sedan, for five passengers, abounding in luxurious detail, \$3295

M A R M O N

"It's a Great Automobile!"

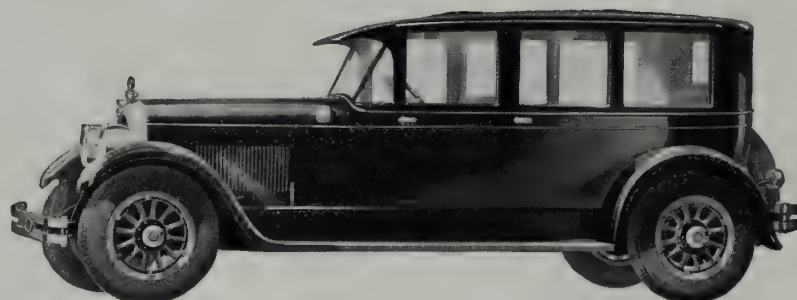


The New Marmon Coupe de luxe, \$3455

WHATEVER your motoring habits and inclinations may be, there is one particular model of the *New Marmon* that completely meets your personal requirements. Q Upon the inherent goodness of the Marmon chassis, the greatest custom tailors of motordom have lavished unstinted charm and beauty in ten different body styles. Q In one of these *New Marmons* you will find a pleasant and practical realization of your fondest motoring aspirations. Q And, regardless of which model you choose, time will prove that . . . "It's a *Great Automobile!*" Q *All cars equipped with full-size balloon tires . . .* All prices f. o. b. Indianapolis. Government tax extra.



The New Marmon Five-Passenger Sedan-Limousine de luxe, \$3900



The New Marmon Seven-Passenger Sedan-Limousine de luxe, \$3975

NORDYKE & MARMON COMPANY
Established 1851 • Indianapolis, Indiana

THE attractiveness of any room—large or small—is dependent upon the proper use of color.

The variety of color combinations and patterns designed by Stedman enables the home owner not only to secure the greatest harmony possible, but also to create a decorative effect that is pleasingly different.

The designs in plain colors, veinings and mottled effects run through the entire depth of the reinforced rubber. Thus the beauty does not fade or wear off but rather improves with each year of use.

Stedman Flooring requires no waxing or oiling, ordinary washing being the only care necessary; it does not dent, crack or wear out even after countless years of service. In fact the cost of installation is the only cost.

Interior decorators and architects specify Stedman Flooring for the better class of homes, clubs, offices, churches, schools, banks and hospitals.

We will be pleased to send you prices and tell you how Stedman Floors can be obtained for one room or many.

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NATURIZED FLOORING
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CLEVELAND



*Pencil drawing from actual
installation of Stedman Flooring*

Stedman

REINFORCED RUBBER FLOORING



Only a mirror could give the requisite depth and brilliance to this remarkable arrangement a la chinoise. Photograph by M. E. HEWITT.

THE MAJOR ROLE OF THE MIRROR

IN THE never-ending effort to make the modern home ever more and more beautiful, the mirror plays a more important part today than ever before. Not only in interior decoration, but as a part of the architectural plan of the house itself.

Nowadays one sees at every turn a mirror reflecting the color notes of flower arrangements, the contours of a handsome vase or the long vista of a well-designed hall. Built-in mirrors in the conservatory or sun-room redouble the delicate beauty of a fountain or the massed greenery of decorative shrubs. Behind

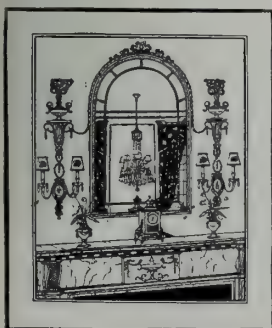
built-in mirrors in bedrooms one finds long rows of frocks and gowns in roomy closets. And the built-in mirror above the mantel takes on a quality of permanence and seems a part of the room itself, far more so than a detachable mirror. Nevertheless, in particularly handsome or unique frames, the detachable mirror is widely used by decorators, not only as an adjunct to a decorative setting, but as the very center of many charming and unusual arrangements.

In boudoirs and dressing-rooms mirrors have, of course, always been a necessity. However, the tendency is to build these as integral parts of the house wherever possible. And as a built-in mirror will last the

lifetime of a house, the modern architect often prefers to include them in his plans rather than install them later, though installation is a comparatively simple matter even after the house is built.

Practically all mirrors are made of Plate Glass. And for brilliance, true vision and durability, mirrors made of American Plate Glass are unsurpassed. Built-in or detachable, they invariably represent a profitable investment in convenience, utility and in the most distinguished good taste.

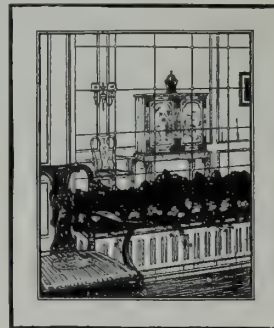
PLATE GLASS
MANUFACTURERS
OF AMERICA.



Built-in or detachable, a mirror above the mantel redoubles the beauty of any room. From photograph by M. E. HEWITT.



Built-in mirrors open up new vistas when skillfully designed to decorate as well as reflect. From photograph by M. E. HEWITT.



Advertisement

RUST-PROOFING THE PLUMBING

BY T. D'A. BROPHY

IN opening its series of articles on the Four Ideal Smaller Homes, House and Garden remarks that "the moderately small house has been architecture's step-child."

If this be true, then certainly the small house is also the step-child of the plumbing contractor. For this is the class of building that piles up each year a tremendously high tax on the owner because of a too casual selection of water supply pipe.

In these four Ideal Smaller Homes, the architects have planned with a very direct eye toward convenience and comfort. Yet it hardly needs argument to prove the fallacy of hoping to maintain these conveniences without materials well suited for their work.

Above all, water supply pipe—the very backbone of the whole plumbing system—should be selected to give satisfactory service and last for as long a time as the other main constituent parts of the home.

Until the introduction of Brass Pipe into the field of building construction, first wood, then lead, and more recently steel and iron pipe were the water supply conductors commonly available. Within the past decade or so, steel and iron have been most widely used; and concurrently, the expense of maintaining water supply lines in usable condition increased by leaps and bounds. Careful estimates place this cost—a sheer waste of money and materials—at more than Sixty Million Dollars annually.

The chief destroyer of iron or steel plumbing pipe is rust. It discolors the water, clogs the pipe with a sponge-like growth that steadily reduces the flow, causes leaks and compels costly repairs and replacements. Brass Pipe cannot rust. Therefore, the use of Brass Pipe, such as Anaconda, is decidedly advisable.

A well-known architect has said that his experience proved the expense of ripping out rusted pipe



RICHARD H. DANA, JR., Architect

© House & Garden.

* Anaconda Brass Pipe, with Brass fittings, for all the water supply lines of this house cost only \$73.40 more, installed, than galvanized wrought iron pipe with malleable iron fittings—a small sum for complete freedom from the annoyance and expense of repairs and replacements caused by rust.



JOHNSON, KAUFMANN & COATE, Architects

© House & Garden.

* An Additional investment of \$86.72 over the cost of wrought iron pipe pays for Anaconda Brass Pipe. This increased cost is slightly less than 1/2 of one per cent of the building cost. Anaconda Brass Pipe assures a full flow of water, as pure as its source, from every faucet in the house.

IN THE FOUR IDEAL SMALLER HOMES

and replacing it, to be from eight to ten times the cost of the pipe when new. In view of this, the slightly higher cost of an original installation of Anaconda Brass Pipe is more than offset by the long service it gives and its freedom from repair expenses.

As a rule, the cost of the pipe—the backbone of every installation of plumbing—is but 10% of the total plumbing cost. Yet pipe failures cause almost 100% of all plumbing troubles and expense. If but a single length of pipe fails, the whole installation is affected, and the item of make-good expense you must incur is not merely the price of the pipe but also the cost of labor plus the accompanying nuisance and inconvenience.

The added cost of Anaconda Brass Pipe increases the cost of the average plumbing installation by only about 6%. But since this increase is spread over the whole life of the building itself, it is true economy to pay for Brass in the beginning and so erase the item of plumbing upkeep from your budget.

In fine, there is every sound reason to include in your home water supply lines of substantial quality. The satisfactory service that Anaconda Brass Pipe gives and the economies effected by its use are fully explained in a most interesting way in a booklet published recently by The American Brass Company. The information in the booklet is of equal interest to Architect and Home-builder. On request, a copy of "Ten Years Hence" will be mailed to you.

The American Brass Company.
General Offices: Waterbury, Conn.
Sales Offices in principal Cities. In Canada, Anaconda American Brass Limited, New Toronto, Ontario.

Anaconda Brass Pipe is installed by leading Plumbing Contractors everywhere.

** (Figures based on actual estimates, using material costs in effect November 21st, 1924, with a liberal allowance for profit and overhead. The cost of installing Anaconda Brass Pipe and iron or steel pipe is substantially the same.)*



EDMUND B. GILCHRIST, Architect

© House & Garden.

* Here a rust-proof installation of Anaconda Brass Pipe increases the cost only \$94.95 over wrought iron pipe. In other words, 53/100 of one per cent of the building cost represents the difference between the highest quality Brass Pipe and iron pipe.



HOWELL & THOMAS, Architects

© House & Garden.

* An economical plumbing layout brings the cost of Anaconda Brass Pipe to within \$64.20 of that of galvanized wrought iron pipe. The replacement of a single length of rusted pipe, located in a wall or under a floor, would, in all probability, cost more than this.

THIS WAY OF OIL HEATING ENDS ALL DOUBT

SCIENCE has found the right way to heat with oil. And proved it for five years. This way is radically different from the old-fashioned methods. It will interest you to see this oil burner that has solved the problem. You need know nothing of mechanics to understand it.

So far as nearly 20,000 present owners are concerned there is no heating problem. Their homes are always exactly the temperature they enjoy. They smell no fumes. They see no dirt or dust. They hear no unpleasant noise. They know that it is safe beyond question.

You, too, will have this experience when you heat your home this scientific way.

One right way to burn oil

Four new facts about oil burning were first used by our engineers six years ago. They are the now famous four natural laws. They explained the difficulties others were having in trying to burn oil.

So we built an oil burner in accordance with those laws. For five winters, now, Oil-O-Matic has answered every demand in thousands of homes, large and small.

When you buy an oil burner see that it agrees with these laws. If you follow them you cannot go wrong. Here they are:

The four famous laws

The first law says that oil must be broken up into a fine mist. All other ways violate this law!

After the oil is broken up, the second law demands that it be burned before it touches anything. Carbon and soot will surely result otherwise. So no plates, pots, chamber or any part of an oil burner should be inside your furnace or boiler.

According to the third law, the amount of air that is mixed with the oil must be exact. Naturally this cannot be left to someone's opening or closing a damper. The oil burner itself must measure the amount of air.

The fourth law is just as important. Oil cannot burn perfectly without reflected heat. So unless the firebox of your heating plant is lined with brick, it is impossible to get perfect combustion.

It is this way of burning oil that has made the use of fuel oil really successful for heating homes.



flow. The motor is stopped. Ignition is shut off. This control is the greatest advance in oil burner construction since our application of the four laws.

Listed as standard by the Underwriters' Laboratories

Of course there's no continuous pilot light. That is too wasteful of gas. It has no place on a modern oil burner.

Oil-O-Matic burns a cheap, low gravity oil instead of expensive kerosene and distillate. This gives you more heat units at a lower cost. There will always be an abundance of low-gravity oil.

So this perfected way, approved by leading combustion engineers, ends all doubt. Now no one need be without the comforts of oil heating. Oil-O-Matic can be installed in any good heating plant. Steam, hot water, vapor, hot air.

Sold on easy terms—Guaranteed

The men who install and service your Oil-O-Matic are all trained men. Most of them are graduates of the Williams Institute of Heat Research. They have experience, facilities, organization, and financial responsibility. They are backed by the largest producers of automatic oil burners in the world.

They will be glad to offer you terms if you want them. Our new deferred payment plan carries no interest on the notes.

Get the facts now. See it demonstrated. Send the coupon for a copy of "New Facts About Oil Heating." It will answer every question. After you read it you will never go back to coal.

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Main Office and Plant **Bloomington, Illinois**
Largest Producers of Automatic Oil Burners in the World
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Please send me at once your booklet, "New Facts About Oil Heating," giving full information about the Oil-O-Matic, and special basement plans for new homes.

Name

Address

Our Heating Plant is Steam ☐ Hot Water ☐ Vapor ☐ Hot Air ☐

WILLIAMS OIL-O-MATIC HEATING

Before You Build Get These Facts

Your new home may require a smaller and more economical heating plant with Oil-O-Matic.

Your heating plant may be placed in a more advantageous location.

You can save money by having a smaller basement excavation.

Our new illustrated book on modern heating covers the subject of new homes and has valuable architectural plans for ideal, practical basements. This book may save you hundreds of dollars. Write for it.

It is the method found only in Oil-O-Matic.

Note these exclusive features

There are other features that make Oil-O-Matic different from any other device that burns oil.

We originated and perfected five years ago the Williams Thermal Safety Control. It put an end to the open can designed to catch liquid fuel oil. It ended all worry about the oil not lighting or blowing out.

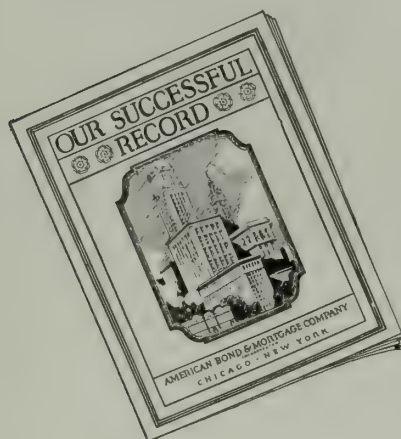
This positive device watches over your entire plant. Oil-O-Matic can't run at all, unless it runs right. Not a drop of oil can

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"The Formula of Safety" states in comprehensive language the many safeguards which surround the First Mortgage Bonds which we now offer for sale.



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ESTABLISHED 1904

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345 Madison Avenue, New York

Capital and Surplus over \$5,000,000

Cleveland, Detroit, Boston, Philadelphia, and over twenty other cities



American Club, Kohler, Wisconsin
The Village of Kohler, a delight to city planners everywhere, surrounds the making of Kohler products—enameled plumbing ware and private electric plants—with an atmosphere which fosters quality

THOSE who know about such things, place Kohler Enameled Plumbing Ware in a rather special and exclusive class. They recognize in its correct and beautiful design, in its snowy purity of color, and in the superb refinement of its enamel, the quiet signs which distinguish the exceptional from the merely good.

And yet, your plumbing dealer will tell you that Kohler Ware costs no more than other ware of acceptable quality. . . . So, when you select plumbing fixtures for bathroom, kitchen, or laundry, look for the name "Kohler" unobtrusively fused into the enamel. Let us send you Booklet E.

Kohler Co., Founded 1873, Kohler, Wisconsin

Shipping Point, Sheboygan, Wisconsin


BRANCHES IN PRINCIPAL CITIES

KOHLER OF KOHLER

Enameled Plumbing Ware



The Great Jordan Line Eight Brougham



The public now
knows no finer
thing can be said
of a fine car than
the fact that it is
equipped with

DeJon
Starting, Lighting and Ignition System

DEJON ELECTRIC CORPORATION
Builders Ignition Technique
POUGHKEEPSIE, NEW YORK



Looks like tile but costs much less

Have you been wishing you could afford tiled walls for your kitchen, bathroom, lavatory or laundry?

You can have every advantage of tile—its gleaming, washable surface, its smooth and sanitary finish, its rock-like durability—at less than one-fourth the cost of tile.

All you have to do is use Sheetrock Tile Board.

Sheetrock Tile Board is Sheetrock with a special surface, lined off to look exactly like genuine tile, and capable of taking a hard enamel, in either pure white or a wide variety of tints.

Once enameled, it can be washed repeatedly and so kept spotlessly clean. It is ideal wainscoting material for home rooms, hospitals, dairies, doctors' and dentists' offices, barber shops, restaurants.

Sheetrock Tile Board is just as easy to work with as Sheetrock itself. It, too, comes all ready for use, in most economical dimensions; saws and nails like lumber; just nail it to the studs or put it on right over old walls. *Durable, solid, non-warping.*

Your dealer in lumber or builders' supplies sells Sheetrock Tile Board—the only *fireproof* tile board. Any quantity you may need. Write us for free folder describing its easy, economical and satisfactory use.

UNITED STATES GYPSUM COMPANY
General Offices: 207 West Monroe Street, Chicago



Copyright 1924, United States Gypsum Company

SHEETROCK

The **FIREPROOF** WALLBOARD

Reg. U. S. Pat. Off.



Build with Pondosa—the pick o' the pines

FROM the Inland Empire of the Great Northwest, where the trees seem to grow a little taller and a little straighter, comes Pondosa Pine—sovereign of softwoods. Here is the all-purpose building material. It is light in weight, yet strong. It takes a beautiful finish and is economical to use. Every trade-marked stick of Pondosa Pine is rigidly *graded*, thoroughly *seasoned* and carefully *milled*. For sale by all good lumber dealers. Write for booklet. Address Dept. 10, Western Pine Manufacturers Association of Portland, Oregon.

Pondosa Pine



The Pick o' the Pines

IMPORTANCE OF FLOORS IN INTERIOR DECORATION

Artistry in selecting beautifully grained wood and in finishing in new tones to harmonize with the color scheme assures more attractive interiors.

MARY EDGINGTON WIDNEY

NOW that many leading decorators use floors as the key to their scheme of decoration, oak is playing a more important role than ever before. Because of its beauty of grain, excellent finishing qualities, and great durability, oak has always been the preferred wood for floors. But of late a new vogue has expressed itself that promises to give greater scope to the possibilities of the decorator.

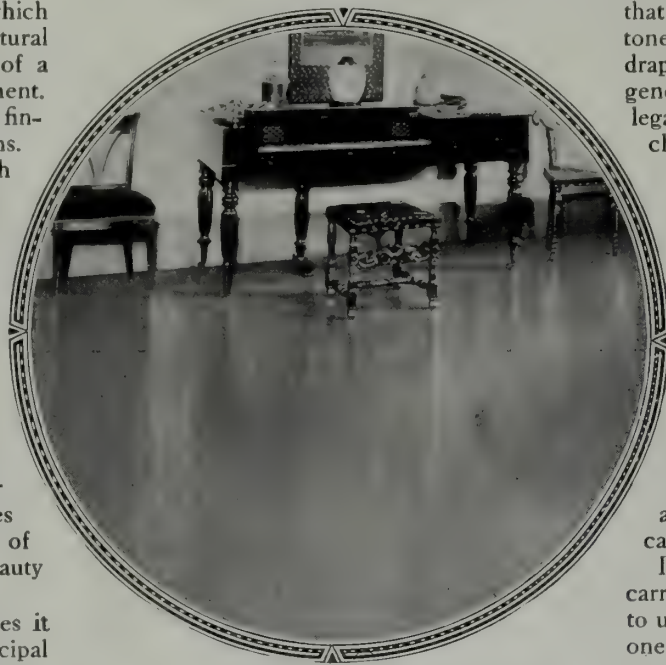
By the use of two new tones with which oak can be finished, together with the natural or weathered finish, the various rooms of a home may be given more individual treatment. In many of the newer dwellings a natural finish is used in the library and living rooms. In the dining room the new soft gray finish is relied upon to lend greater charm to the furniture, drapes and wall tones. A very lovely "forest green," suggestive of whispering tree tops, has been found to be ideally suited to oak floors in the sun rooms.

The effect of floors in different tones is charming. Each adapts itself perfectly to the requirements of the particular scheme of interior decoration used in that room. This choice of finish now opens up an entirely new field in interior arrangement. A greater variety of wall tones and drapes may be used. Choice pieces of furniture take on new distinction. The beauty of rare floor coverings is enhanced.

The velvety lustre that oak takes, makes it admirably suited for use in all the principal rooms. Wide expanses of shimmeringly beautiful oak floors afford perspective. Even modest pieces of furniture show to better advantage. Wall tones, pictures and hangings indicate a

finer taste. And above all there is a homelike atmosphere pervading each room.

Everyone with a keen appreciation of interior arrangement recognizes in oak floors beauty spots that enhance the charm of any room. It is these beauty spots in the home that are unfortunately overlooked by some people who do not realize that a properly finished oak floor lends tone to even the most modestly furnished room.



No home now may be said to be really modern that lacks oak floors.

To give attention to your wall tones and the character and harmony of your appointments, to the exclusion of your floors, is to overlook the beauty spots that lend to every other phase of interior decorating the final touch of refinement.

You can easily bring infinitely greater charm to your own home. "Perfection" Oak Flooring will enhance the beauty of every piece of furniture. It will serve as a mellow ground color that will harmonize perfectly with your wall tones, and add distinction to your pictures and drapes. "Perfection" will remain beautiful for generations. It never needs replacement. It is a legacy that you may leave to your children's children, and it will be modern then.

Of course, the ideal time to consider the wisdom of "Perfection" Oak Floors, is when you are planning your home. Knowing how these floors become beauty spots of rare charm, you can better plan each step in the furnishing and decorating of your home. There is also a special thickness of "Perfection" Oak Flooring ($\frac{3}{8}$ of an inch) which is made to be laid over old floors, using the present floor as a foundation. With this, even those who failed to install oak floors when building, may do so now any time, at a cost that is actually less than the cost of sufficient good carpet to cover the space.

If you do not readily find a lumber dealer who carries "Perfection" Brand Oak Flooring write to us and we will advise you of the address of one who does. We would be pleased to send you a copy of our latest booklet "The Overlooked Beauty Spots in Your Home." A request will bring it by return post.

Arkansas Oak Flooring Co., Pine Bluff, Ark.



Beautiful waxed oak floors in this living room afford the proper setting for the luxurious pieces grouped about the fireplace.



'PERFECTION'
Brand Oak Flooring



Reg. U. S. Pat. Off.



Wide expanse of lustrous oak floors help to give an airy coolness to this dining room.



Your Home, Built of This Finer Siding, Will Be Beautiful, Easier to Heat, Lasting!

WESTERN RED CEDAR laughs at rot. It is the wood of woods for all outside uses. It contains a natural oil that arms it against decay. Its free texture holds a multitude of air pockets which help keep out cold in winter and heat in summer.

Beauty and permanence are sure when Western Red Cedar is used. For the *finer* uses of siding it has no equal. It assures tight joints that "stay tight." It assures economy of upkeep. It assures a durable paint job.

The safest way to judge of the fitness of Western Red Cedar for your particular needs is to learn the facts about it now. Reliable information will be sent, gratis, if you will mail the attached coupon.

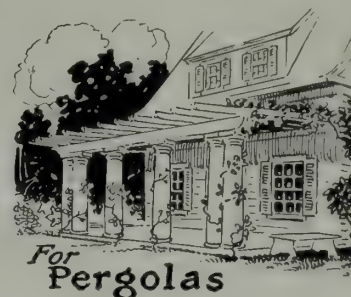
RED CEDAR LUMBER MANUFACTURERS' ASSOCIATION
4447 White Building Seattle, Washington

Western
Red Cedar

"The Wood That Nature Armed Against Decay"



Western Red Cedar resists rot. "stays put" and takes paint beautifully.



Western Red Cedar's durability under weather exposure makes it almost ideal.



Western Red Cedar holds its finish and lasts a lifetime.



Western Red Cedar is easily worked and neither shrinks nor rots.

MAIL IT NOW

Red Cedar Lbr. Mfrs.' Assn.,
4447 White Bldg.,
Seattle, Wn.

Please send, without obligation to me, information and data about Western Red Cedar.

Name
St. and No.
City
State

Just inside your Threshold

FIRST impressions are favorable, if Bruce oak floors display their beautiful lustrous expanse, as the visitor crosses your threshold.

Reflecting in their polished surface the charm of furniture and hangings, gleaming in the sunlight in the spaces between your rugs, they are in the truest sense the foundation of your room decoration. No longer need a floor be merely something to walk upon, or a mere structural detail in the building of a home. When Bruce oak strips are laid, in one of several grades and finishes suitable to the room, harmony is at once established, and the effect of the interior immediately enriched.

Not a luxury

Bruce oak floors are a necessity in a modern home. Their cost has been brought within reach of the most modest purse. There is no longer any excuse for the old-fashioned softwood floor with its dirt-catching and germ-laden carpet. Such floors required constant sweeping to keep them in a semblance of cleanliness. Now with Bruce flooring, housework is reduced to a minimum. As to cost, they are cheaper than softwood floors and carpets, when their greater durability and lasting value are considered.

What to consider in selecting floors

To select Bruce floors in perfect accord with the balance of your home you are offered considerable latitude. You may choose white or red oak, plain or quarter sawn, narrow or wide strips. Each has its characteristic effect, and interesting variety may be obtained by treating each room differently. Quarter sawn strips, because of their more striking beauty, add the final touch of elegance to the main living rooms of your home. Various patterns of design flooring, such as herringbone or basket weave, give further scope for the exercise of individual taste.

Oak over old floors

An old worn softwood floor makes a serviceable sub-floor, over which $\frac{3}{8}$ -inch oak strips

may be laid. The result is as sound and enduring a floor, as if thicker oak flooring had been laid originally. The work may be done one room at a time.

Special color finishes

Natural oak finish is always suitable. But there are special shades, such as "weathered" or gray, which will harmonize with the color scheme adopted, and make each room individual and distinctive.

Let us tell you more about the convenience, economy, and beauty of Bruce oak flooring. Our new book "Just Inside Your Threshold" is a mine of valuable information. Sent to those interested in building or remodeling a home.

Address Service Department

E. L. BRUCE COMPANY, MEMPHIS, TENN.

Largest makers of oak flooring in the world
Sold nationally through retail lumber dealers everywhere

Write for free
sample of "Ceda'line,"
and descriptive literature.



This interesting folder
on the advantages of
"Ceda'line," free on
request.



"When you asked me to see your new Bruce floors, I knew what a beautiful room this would be."



Bruce "Ceda'line" can be installed in a few hours by any carpenter. Modern ceda'lined closets will be an important factor in the value of your home, when you come to sell.

Eliminating Moth Worries

"Ceda'lined" clothes closets provide a place where your garments can hang on regular hangers, and still be protected from moths and dust. Superior to cedar chests because clothes are not mussed, and may be easily found and removed.

Bruce "Ceda'line" strips are made from Tennessee aromatic red cedar, and retain an odor repellent to moths. Strips may be laid over lath and plaster in an old home, or will take the place of lath and plaster in new construction at about the same cost.

Your nearest lumber dealer will gladly give you a quotation on the amount required to line your closets.

St. Engelbert's Coal Bills

Without Monarch Strips

STATEMENT		
To the Hon. January 31, 1921		
St. Engelbert's Parish House, St. Louis		
Barbour & Carter Ave.		
POLAR WAVE ICE & FUEL COMPANY		
To the Hon. January 31, 1921		
Jan 11	10,120 lbs.	100.00
Feb 7	23,700 lbs.	237.00
Mar 6	22,400 lbs.	224.00
Apr 10	22,400 lbs.	224.00
May 10	22,400 lbs.	224.00
Jun 10	22,400 lbs.	224.00
Jul 10	22,400 lbs.	224.00
Aug 10	22,400 lbs.	224.00
Sep 10	22,400 lbs.	224.00
Oct 10	22,400 lbs.	224.00
Nov 10	22,400 lbs.	224.00
Dec 10	22,400 lbs.	224.00
Total	240,000 lbs.	\$644.35

Total coal bills,
1920 and 1921,
\$1,245.35



St. Engelbert's Parish House at Carter and Marcus Avenues, St. Louis. Monarch Metal Weather Strips installed by W. J. Masiak, Monarch Licensee, 4800 Delmar Boulevard, St. Louis.

With Monarch Strips

STATEMENT		
To the Hon. January 31, 1922		
St. Engelbert's Parish House, St. Louis		
Barbour & Carter Ave.		
POLAR WAVE ICE & FUEL COMPANY		
To the Hon. January 31, 1922		
Jan 11	10,120 lbs.	100.00
Feb 7	23,700 lbs.	237.00
Mar 6	22,400 lbs.	224.00
Apr 10	22,400 lbs.	224.00
May 10	22,400 lbs.	224.00
Jun 10	22,400 lbs.	224.00
Jul 10	22,400 lbs.	224.00
Aug 10	22,400 lbs.	224.00
Sep 10	22,400 lbs.	224.00
Oct 10	22,400 lbs.	224.00
Nov 10	22,400 lbs.	224.00
Dec 10	22,400 lbs.	224.00
Total	240,000 lbs.	\$388.92

Total coal bills,
1922 and 1923,
\$754.92

Cut \$490.⁴³ First Two Years By Investment of \$255 in Monarch Metal Weather Strips

In 1920 the coal bill for St. Engelbert's parish house, church and school reached the staggering total of \$644.35. In 1921, the coal bill was but little less—\$601.00.

But in 1922, Monarch Interlocking Metal Weather Strips went on the 41 windows and 7 doors of the 15-room parish house—and that year the coal bill dropped to \$388.92. And in 1923 the total amount spent for coal was but \$366.00!

\$490.43 Saved in 2 Years—an average of \$5.11 per opening per year

In two short years Monarch Strips had saved \$490.43 worth of coal for St. Engelbert's! And each year hence, as long as this house lasts, they will continue to pay the pastor of St. Engelbert's a handsome profit on his investment.

Multiply the saving per opening in the house of St. Engelbert's pastor by the number of windows and doors in your house, and deduct from last year's coal bill. The result will show the yearly fuel saving Monarch Strips will effect for you.

How Monarch Strips Save Fuel

There is at least a 1/8-inch crack around every window in your house, just as in the house of St. Engelbert's pastor. This 1/8-inch crack around and across the middle of a 3x6-foot double-hung window is 21 feet long—equal to a 5x6-inch hole, or 30 square inches. Cold air filters in thru that crack, and your money-made heat leaks out.

Monarch Interlocking Metal Weather Strips No. 400 are the only strips which will effectively control this crack and cut coal bills. No other strips can.

Even with tongue-and-groove (rib) type strips on your windows, you must burn at least *473 pounds of coal per window per year to maintain an inside temperature of 70° with the outside temperature at zero.

With Monarch Strips No. 400 on your windows, *296 pounds of coal per window per year will easily supply abundant heat to maintain an inside temperature of 70°, regardless of outside weather conditions. This is a saving of at least 177 pounds of coal per window per

year—every year as long as your house lasts. For Monarch Strips not only last as long as the house itself, but always work as well as new.

Send Coupon for Free Booklet

At the bottom of this page is a coupon which will bring you, free, a copy of our new booklet, "Only 1/8 of an Inch." This booklet tells why weather strips are necessary on every house—why old-style tongue-and-groove (rib) type strips are a wasteful extravagance—and why Monarch Interlocking Metal Weather Strips, the scientifically modern type, alone control air leakage thru windows and doors, and save fuel. Clip, fill in and mail the coupon—NOW.

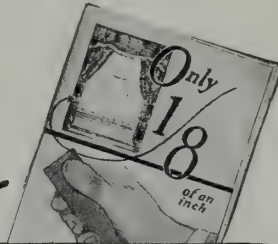
* Based on 3x6-foot double-hung window, which is the average.

MONARCH METAL PRODUCTS CO.
4920 Penrose St. St. Louis, Mo.

Representatives in All Principal Cities



Mail



Monarch Metal Products Co.
4920 Penrose St., St. Louis, Mo.
Please send me free copy of your new booklet, "Only 1/8 of an Inch."

Name

Address

MONARCH METAL WEATHER STRIPS

Interlocking Type No. 400—Standard Control of Air Infiltration (leaky windows and doors)



Construction—Stucco over Hollow Tile. Built at Birmingham, Alabama, in 1922
Cost complete \$20,000.00

HOMES OF INDIVIDUALITY AND BEAUTY

ABILITY to give freest expression to individual taste, to individual need, to artistic beauty in line and treatment, together with age-defying permanency, is inherent in Hollow Tile construction.

The remarkable savings effected through the use of this modern, preferred building material apply proportionately to large or small residences. For small homes the cost of Hollow Tile construction is surprisingly low, often less than common inflammable construction.

Besides it has high fire resistance. Carries low insurance rate. Walls of Hollow Tile will not sag, warp, crack, or decay, thus investment value is maintained. Upkeep is held at a minimum, for there

are no costly repairs or replacements. Painting is for trim only. Add to these the fuel saving due to the superior insulation of Hollow Tile against cold and moisture. It also bars out summer's heat and promotes healthful sanitary conditions.

Hollow Tile construction is simple and easy. The large units of tile permit definite savings in labor, mortar and speed of construction. Walls are of a strength sufficient to bear ten times the load required in a residence.

Whether you are building a residence or a structure for any other purpose, you should without fail secure first hand knowledge of the adaptability and price supremacy of Hollow Tile.

Hollow Tile

*The Most Economical Form
of Permanent Construction*

Hollow Building Tile Association

14th Floor Conway Building
Chicago, Illinois

*A book of Hollow Tile Residences both
low and high in cost are shown together
with authoritative articles on decoration
of home and grounds. Price
25 cents, sent postpaid*



Construction—Face Tile. Built at Ames, Iowa, in 1922
Cost about \$7,500.00



Construction—Face brick over Hollow Tile. Built at Terre Haute, Indiana, in 1923. House and garage \$10,000.00

HERE ARE SOME TYPICAL EXAMPLES OF CURTIS WOODWORK

Every window has two sides

Whether you are on the outside looking in or on the inside looking out, there is romance in a window. Through it one may see the spirit of a home. Through it filter golden rays of sunshine which brighten the hours of peaceful hominess. From it, at night, shaded mellow beams pierce the outside blackness, radiating the warmth and sweetness of home.

There is a practical side too. Closed, it protects from the elements. Open, it lets in life-giving oxygen and freshness.

In making windows Curtis has developed a method which makes them perfect. You can get some idea of the beauty in the proportions of this Curtis window and in the charming shutters which are not only decorative, but most practical.

Curtis windows fit in their frames without a flaw. They won't rattle or stick or leak because of special construction which the Curtis dealer will point out to you. In correspondence refer to C-1025.



Curtis window Number C-1025 in the home of Mr. Charles E. Sammis, Jr., Westneck Avenue, Huntington, Long Island.

WE WENT to the homes of people living in different parts of the country and took photographs so that you could see examples of what Curtis Woodwork is like. We want you to see how well made it looks. Everything that is Curtis-Made has a solid appearance, because it is made with generous proportions and extreme care.

Curtis has a way of making their woodwork extraordinarily well, even to the smallest detail. For example, everything is fitted together, mortised or dovetailed or wedged so that it is like one solid piece of wood. It will last permanently. Some of their methods are exclusive. And they go to such extremes of care that on finished items of woodwork such as cabinet-work, doors and sash, there is never an evidence of a knot and even the graining of the wood matches. It is beautiful handicraft.

Curtis Woodwork is reasonable in price and costs you less than you would ordinarily pay for the same quality of woodwork made in small quantities by a smaller organization. There is a difference in woodwork just as there is a difference in furniture or clothing. You can secure Curtis Woodwork east of the Rockies through Curtis dealers only.

The Curtis dealer will show you plan books which will be helpful to you in building or remodeling; or send us 50c, stating the number of rooms desired, and book will be mailed to you.

The Front Door

A Colonial entrance made by Curtis and recently photographed at the home of Spencer Young, 119 Woolsey Avenue, Huntington, Long Island. The door is one of those pure Colonial designs with six panels of unusual thickness. Price on entrance C-105 including door C-220 averages \$49.70. Trellis not included.



The center of the family circle

This Curtis mantel was photographed in a home near New York City. It is a Colonial, authentic in every detail and of solid construction.

If you will see the exhibit of Curtis mantels at the Curtis dealers you will be impressed by the studied beauty and special refinement of the various designs. Refer to Mantel C-617 in correspondence. Prices on mantels start at \$22.50.



Beauty in a Kitchen

This kitchen is in a new home in Sterling, Illinois. The built-in ironing board shown here with door removed is a Curtis model of typical Curtis construction. Any kitchen can have this feature added at small cost. The doors here and the kitchen dresser are also Curtis Woodwork. Notice the look of permanence about this woodwork. You will see why it looks so good when the Curtis dealer shows you the thorough workmanship and the conveniences that will serve a lifetime. This kitchen dresser is made up of three standard units. Ask the dealer to explain other possible combinations.

THE CURTIS COMPANIES SERVICE BUREAU
320 Curtis Building, Clinton, Iowa

Curtis Companies, Incorporated, Clinton, Iowa

Curtis & Yale Co., Wausau, Wis.; Curtis Bros. & Co., Clinton, Iowa; Curtis, Towle & Paine Co., Lincoln, Nebr.; Curtis, Towle & Paine Co., Topeka, Kan.; Curtis-Yale-Holland Co., Minneapolis, Minn.; Curtis Door & Sash Co., Chicago, Ill.; Curtis Sash & Door Co., Sioux City, Iowa; Curtis Detroit Co., Detroit, Mich.

Sales Offices in: Pittsburgh, New York, Baltimore

1866
CURTIS

We cannot legally prevent imitators from copying our patterns and designs. The law, however, does prevent others from using our trademark. Make sure that the woodwork you buy—sash, doors, moldings or interior woodwork—bears the CURTIS trademark



A Warm House When You Arise

This Easy Inexpensive Way

For healthy rest, sleep with windows open. But keep the rest of the house warm. Chamberlin Inside Door Bottoms enable you to admit fresh air to any part of the house, while sealing all other parts against drafts.



and Inside Door Bottoms

Chamberlin Metal Weather Strips are used in most weather stripped buildings, including homes, banks, schools, office buildings, churches, stores, hotels and apartments.

Don't hesitate to ask for an estimate. The figures submitted will be definite and accurate because they are compiled by men who know every detail of this business.

Chamberlin Metal Weather Strip Company, Detroit, Michigan

Try This Experiment

Open your bedroom windows. Close the door, then place your hand at the crack between the bottom of the door and floor. Note the draft of cold air which rushes through the crack into the hall.

Try this at the attic and basement as well. There will be a draft at each. It goes on all night from bedrooms, constantly from the basement, while warm air escapes to the unused attic. That is why bath and breakfast rooms are almost always cold in the morning. And that explains why the temperature remains too far below normal until 10 or 11 o'clock every day during the winter.

Men don't notice this much. They are away usually in a rush. But women and children do. They contract colds—suffer uselessly.

Inside Door Bottoms End All This

Send the coupon below or write us for an estimate on the cost of equipping your home with inside door bottoms. We gladly furnish free estimates covering the cost of installing weather strips or inside door bottoms or both in your home. When installed they are guaranteed for the life of the building. Simply mail the coupon. It costs nothing to learn how low the price of early morning comfort and coal saving.

**Chamberlin Metal Weather Strip Co.
1644 W. Lafayette Blvd., Detroit, Michigan**

I would like an estimate covering the cost of installing (check which)

Chamberlin Inside Door Bottoms—

Chamberlin Metal Weather Strips—In my home

—Office Bldg.—Church—Number of Windows—

Number of Doors—

Name.....

Address.....

City and State.....

Eng. Dept.-F-26



Never a Glance at the Heating Plant for Weeks at a Stretch!

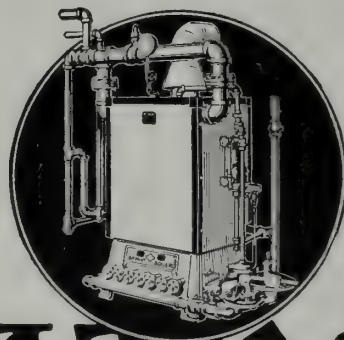
HHEATING troubles are needless. In the home heated with a Bryant Gas Boiler the heating plant receives scarcely more thought and care than you give to the heating of your room in a first class hotel!

You need not even regulate the gas flow; the automatic control maintains the house temperature at the exact degree of warmth desired by day and by night. All inconveniences are swept away. Ashes, dirt, odors, noise and labor are eliminated. No fuel deliveries to bother about, and no storage to provide for. Bryant Automatic Gas Heating is the **ONLY** method of heating your home which has **NO** drawbacks.

Would you like a copy of our latest booklet?

THE BRYANT HEATER & MFG. COMPANY
976 East 72nd Street Cleveland, Ohio

EVEN when the gas rates are not low, gas burned with the 84½% efficiency of a Bryant Boiler, offers wonderful convenience and comfort at moderate cost. Let one of the Bryant representatives in your district figure the heating costs for your home. There is no obligation, of course.



BRYANT HEATING

for Hot Water  *Steam or Vapor*



THE DOG MART of HOUSE & GARDEN



RUSSIAN WOLFHOUD PUPPIES
bred from the very best imported strains. Puppies ready for shipment. Prices reasonable.
Arkansas Valley Kennels
D. C. Davis, Prop.
Cimarron, Kan.

RUSSIAN WOLFHOUDS
Puppies and grown dogs—Pedigreed and eligible for registration with the A. K. C. Strong Healthy dogs of the best blood lines. White with lemon or mahogany markings—also a few rare all grey or lemon. Prices reasonable.
At Stud: Ozeky O.V.F. and Boris of Tolstoi—
Fee \$35.00
Sunhirst Kennels, Berea, Ohio

RUSSIAN WOLFHOUD PUPPIES
Carefully bred to the standard from Champions of three continents. Puppies ready for quick shipment. Add an aristocrat to your home.
Bolshevik Kennels
218 Rutgers St.
Rochester, N. Y.

"The Daddy of 'em all"
SMITH'S MONSTER MAMMOTH GREAT DANE KENNELS
Home of the "Burglar Proof" Dog
An Incomparable Companion to be Trusted With Women and Children. Puppies Usually for Sale in Seven Colors. Let Us Know Your Wants.
Correspondence a Pleasure.
Office and Kennels Box 23, Dept. O.
NEW RICHMOND, INDIANA

Harlequin Great Dane Puppies For Sale. Exceptional Breeding. At Stud—Imported Arno Krebs The Magnifique A. K. C. 388314.
Mrs. B. M. Murphy, 136 Edgar Rd., Webster Groves, Mo.

COCKER SPANIELS
Are the ideal all around dogs. They are equally at home in town or country, house or field. They are the best dogs for children and splendid hunters. Generally some promising show prospects on hand.
Solid colors \$50. up
Particolored \$35. up
Rowcliffe Kennels, South Road, Poughkeepsie, N. Y.

Beautiful Japanese Spaniels For Sale
Imported and prize winning stock, also Puppies of all ages from above dogs, from \$35.00 to \$300.00. At stud Japanese Spaniels, Mikado, Chonkro, and Kobi, Pomeranians, Honey Boy and Peter Pan, fee \$15.00.
Mrs. A. M. Chadurjian
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Shepherd (Police) Dogs
The Ideal Companion and Protector
Write today for Illustrated Booklet
Palisade Kennels
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Just 40 minutes from Manhattan

Pups by Champions and Angekört Bitches for Sale

Prince Von Der Juch
Nores Von Der Kriminealpolize blood
At Stud.
Fee \$75.00

Sehen Von Rhoden,
The Wonder Dog
At Stud.
Fee \$75.00

Wilsona 30 Acre Kennels and Training Grounds
CORRESPONDENCE INVITED
WILSONA KENNELS
RUSHVILLE, Ben H. Wilson, owner IND. No. 6

Do You Want a Dog?
Our Dog Man will tell you where to get a good dog. Don't worry about looking around. Either write or visit the Dog Kennels advertised in House & Garden, or write our Dog Man for information. He will refer you to reliable breeders and give you advice about different breeds. Write
The Dog Man
HOUSE & GARDEN
19 West 44th Street New York City

STRONG HEART POLICE DOGS
Character Plus Appearance
Strong Heart Police Dogs are the acme of this splendid breed. To see them is to know why they have gained their present high pinnacle. Intelligent, handsome, glorious in their health and majesty, they are superdogs that uphold the best traditions of their race.
We have some exceptional pups for immediate delivery, to be sent, if desired, C. O. D. on approval—satisfaction guaranteed. May we book your order now?
SUN BEAM FARM
STRONG HEART KENNELS
EASTON AVE., NEW BRUNSWICK, N.J.

Champion Bero
of Elmview

PINE TREE KENNELS
Stud Service-Sales Service
OXFORD, MAINE
Box H
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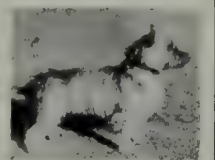
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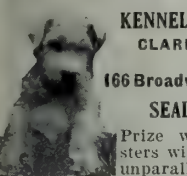
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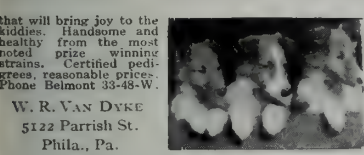
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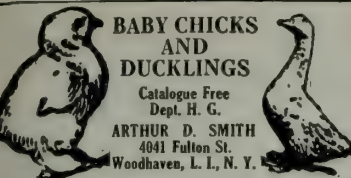
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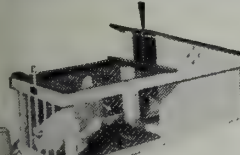

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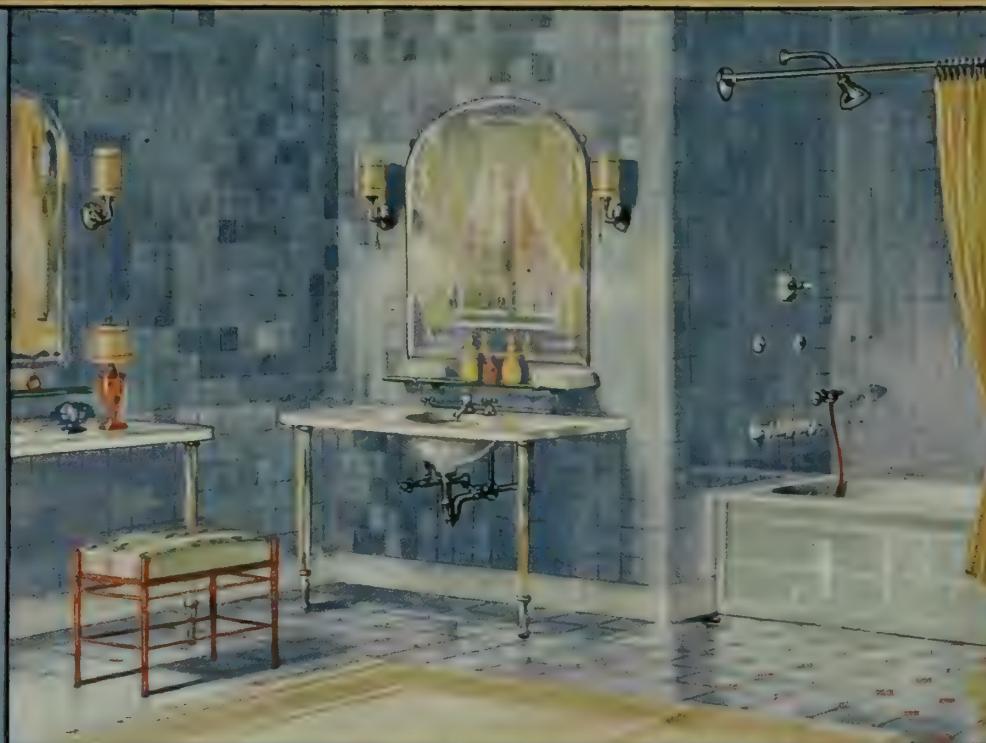
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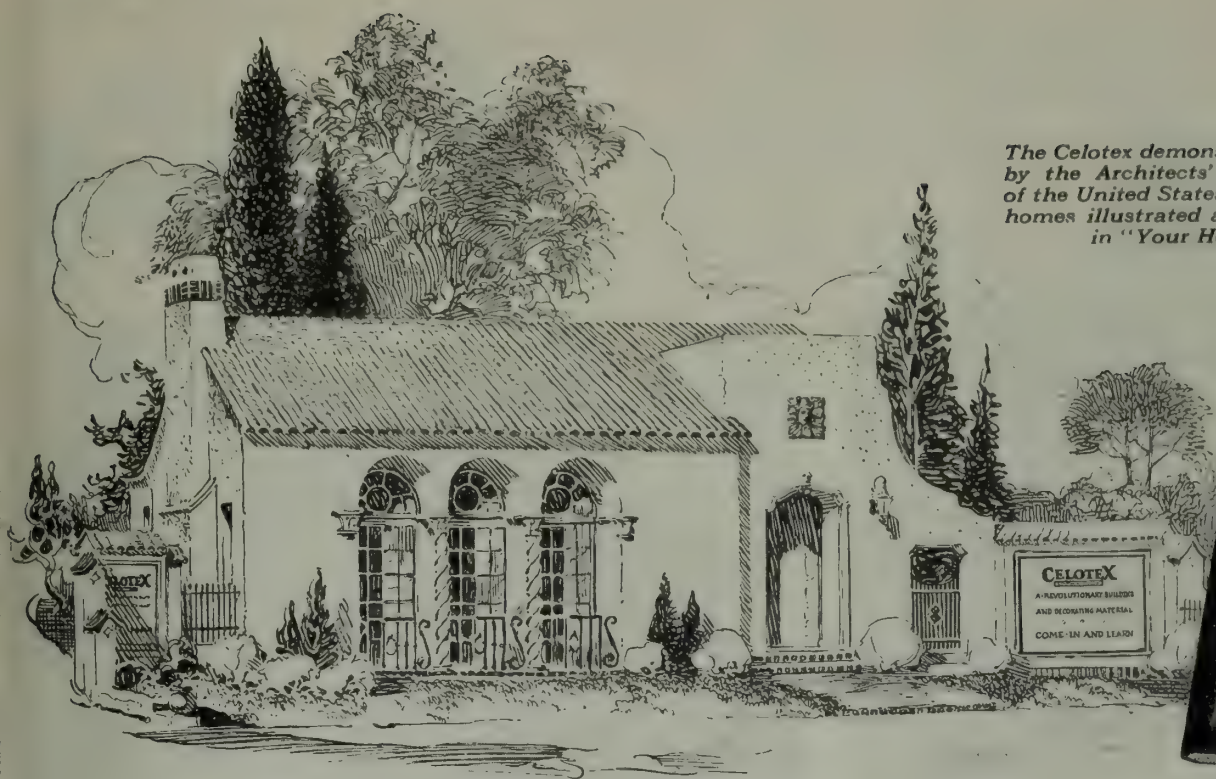
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CHRYSLER SIX

House & Garden



The hallway of a country house, appearing in the February Furniture Number

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Take this Building Number of HOUSE & GARDEN, for example. It shows in one way or another the exteriors of eighteen houses. Not a one but can trace its style back to ancestors in an older country. From the Classic Revival style of Mimosa Hall to the modern interpretation of Mr. Harrie Lindeberg, from the little Tudor house in New Jersey to the cottage designs that illustrate the article on painting the house, each of these is an adaptation of a style found in some other country.

It would be easy to object to this, easy to swell the patriotic breast and demand a purely American type of architecture. But why? Into the melting pot that is America have been cast not only human types, but the ideas of beauty that these human types brought with them. The result is a mixture of adaptations from many lands. The weaknesses of the old have been killed out and the better elements survive. We need not be ashamed of our heritages or of the finished product.

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Architecture is an expression of many forces—religion, customs, climate. In this country we have all kinds of religions, all kinds of customs, all kinds of climates. One style of architecture would be inadequate to express them all. We require many styles. The domestic architecture of the south of France is as different from that in the north as a house on the Sussex Downs of England differs from a house on the Scotch countryside, as different as a Cape Cod cottage is from an adobe house in Santa Fé.

It is an encouraging sign that so much good architecture is to be found in so many sections of this country. It means that people are becoming aware of the necessity for houses designed in good taste. This country may have its dark spots, but the light is penetrating. Architectural taste is becoming a new standard by which to reckon values. How has this come about? Financial prosperity alone did not bring it. Nor the expansion of popular education. It has been brought about by just such magazines as HOUSE & GARDEN, which, setting high standards of taste, have insisted on those standards; which have given their readers not merely what they wanted but better than they wanted, better than many of them dreamed existed.

If you want to see how these standards are maintained, all you have to do is to walk to the nearest newsstand, place the small sum of thirty-five cents in the dealer's hand, and ask for HOUSE & GARDEN.

VOLUME XLVII NUMBER ONE

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Riddle

DECORATIVE LIGHTING FITMENTS

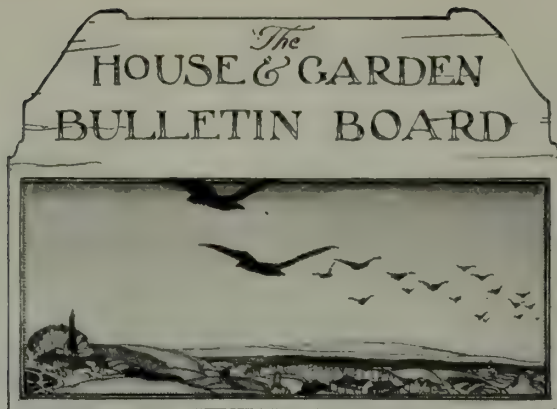


"Mrs. Hamilton's party was wonderful. You know they've just remodeled their home. It's most attractive. The new rugs and furniture are beautiful. But—why didn't they change the old-fashioned chandeliers? Maybe they're keeping them as antiques. They look quite impossible in their new surroundings."
 Are your lighting fixtures the source of such good-natured criticism on the part of your

friends? Do you feel that they measure up to the standards you aim to observe in the furnishing and decoration of your home? Possibly you have not thought seriously about it,—but isn't it worth a little careful consideration? With Riddle Fitments in your home you can feel that your lighting equipment is above reproach—a source of pride and enjoyment always.

Riddle Fitments are sold only through Authorized Dealers especially fitted to give you helpful advice in the selection of a single fitment or an entire installation. The name of the nearest dealer, folder illustrating the various Riddle styles and details of the Riddle Planning Service will be sent on request. Retail prices of Riddle Fitments range from \$4 to \$52.50.

THE EDWARD N. RIDDLE COMPANY, TOLEDO, OHIO



IF EDITING this magazine were like those cross-word puzzles to which we are addicted, life would be fairly simple. If it had to read correctly in only two directions, we would face the next twelve months without the slightest sign of perturbation. But it has to read correctly in a dozen different ways—and that is what keeps us so infernally alert. Were HOUSE & GARDEN to be known merely as the magazine par excellence for home builders, it would be easy to keep its reputation; or for gardening, or even for decoration. But each month we must read correctly, authoritatively and interestingly in a different direction. Having surveyed the Christmas shops in December, we now present a big January building number. Interest in that scarcely subsided, when we offer you February and furniture.



YOU begin this February Furniture Number by walking into a pleasant hallway, a hallway reminiscent of a Dutch interior, although it really is in Massachusetts. Then you turn to a study of the kinds of backgrounds to give different kinds of furniture. So many people ask us about this that we are trying to answer all of them in this article. Desks are next considered, new desks, reproductions of old types, little desks and big desks. Further along you come to day beds, to little tables, to balanced groups of furniture, to upholstery fabrics. The Shops pages will show small-scale furniture for little rooms—the sort of rooms you find in the average apartment. You will also read of the Colonial furniture of old Mexico—quite different from our Colonial furniture. The Portfolio will show a smartly decorated country house that the mistress did herself after reading HOUSE & GARDEN. There is promised an article on footstools, and one on fabrics in decoration, and one on disguising a collection of antiques so that your house doesn't look too much like a museum.

So much for reading correctly in one direction.



FEBRUARY sees the beginning of a series of articles on Rock Gardening by Louise Beebe Wilder. Mrs. Wilder is nationally known for her work in rock gardens and she will write exclusively for HOUSE & GARDEN on this subject. Mr. Wilson will also contribute and there will be shown another of the Ideal Smaller Homes Gardens. J. Horace McFarland writes on Polyantha Roses. In the Group of Gardens you find the famous Ferrall Garden at La Grange, Georgia. These comprise our reading correctly in another direction.

An interesting estate group and a building article will give us another direction and Miss Peyser's contribution will afford still another.

ON pages 71, 72, 73 of this issue you will find the story of the Sing Sing Rose garden. This work, to which readers of HOUSE & GARDEN have so generously contributed, is now an accomplished fact. We believe that what has been started at Sing Sing can be copied in other prisons. Along the Pacific Coast the prison gardens are both well planted and well maintained, but there are scores of others in which the good work can be started. We recommend the idea to garden clubs as a form of desirable activity. Get to work on the prison in your state and in your county.

We do not expect any great revolution in penology to come from the publication of this story—and yet you never can tell. Big moments have been stimulated from even such small beginnings. Beccaria's "Crimes and Punishments" started the humanitarian movement in the administration of justice and criminal punishment, and Dunant's "Battle of Solferino" led to the formation of the International Red Cross. Both of these were little books.

Apropos of this subject, did you ever realize that jails were originally called Penitentiaries? The prisoners were penitents cared for by religious who kept a voluntary monastic rule of silence, poverty, celibacy and obedience. Now they are called Prisons, the silence, poverty, celibacy and obedience are all involuntary and the penitents are few and far between.



GOING over "Poems from Punch" the other night we found these delectable lines by P. R. Chalmers—

COTTAGE GARDEN PRAYER

Little garden gods,
You of good bestowing,
You of kindly showing
Mid the potting and the pods,
Watchers of Geranium beds,
Pinks and Stocks and such like orders,
Rose, and sleepy Poppy-heads,—
Bless us in our borders,
Little garden gods!

Little garden gods,
Bless the time of sowing,
Watering and growing;
Lastly, when our Sunflower nods,
And our rambler's red array
Waits the honey-bee his labors,
Bless our garden that it may
Beat our next-door neighbor's,
Little garden gods!



ALMOST invariably persons interested in the decorative art who come to us from France and Germany comment on the fact that Americans are not accepting the modernist taste in furniture and decoration. They criticize us because we wear modern clothes and decorate our homes in the primitive style of our Colonial ancestors, have well equipped modern bathrooms and are happy with copies of Louis XVIth in bedrooms. They can't understand this incongruity; and we, for our part, can't understand what their modernistic decorators and color mixers and furniture designers are driving at. When we contemplate some of the bedlams of color and tortuous contours that they call modern we are inclined to agree with the gentleman in the ballad who spoke of the

homes of the Russ
Which would not do for us.



OLD DOC LEMMON SAYS—

"WAL, she's come! Ye c'n laugh much's ye've mind to 'bout country ways o' tellin' the weather aforehand—this year. we hit it right. The old gander's wingbone said as how winter was goin' to shut down good, an' she's shut, by jing!

"Warn't no foolin' 'bout it, once she made up her mind. A bitter cold, clear day that begun to haze over a mite 'long around noon-time an' was solid gray by three o'clock. When I went out to milk the cows in the dusk I felt jus' a faint leetle drift of air out o' the north—an' it bit plumb through me.

"'Better git out them gum boots o' mine,' I told Elviry, comin' in ag'in. 'Goin' to snow!'

"Eight o'clock come, then nine. The winderpanes was all frost, but when I opened the door to let ol' Pete in fer the night I see the fust flakes fallin' slow, easy, like they warn't no hurry. By midnight she was a-snoartin', an' she kep' it up fer two days.

"Three foot o' snow on the level an' six b'low zero. Yep, the ol' wingbone had it right ag'in!"



THE last few months of 1924 saw a heavy mortality among men who labored to enrich our gardens. Bertrand H. Farr, Frank N. Presby, the Iris fancier, Henry S. Cooper, who devoted his time to peonies—these men are no longer with us. All of them began as amateurs and, growing so absorbed in their hobby, forsook other pursuits that they might devote their time to their flowers. They have laid down torches—but where are the younger men to take them up?



J. Walter Collinge

SUN-KISSED ARCHITECTURE

It is interesting to note the important part played by shades and shadows in the architecture of a sunny climate. Here, in this Santa Barbara house, plain white plaster walls, deep, flaring reveals, stark stairways, and the varied play of lights, make a splendid composition. George Washington Smith, architect



REVIVING THE GREEK REVIVAL

An 1840 Example in Georgia of this Dignified Style which Suggests One Splendid Type of Design for Modern Houses

RICHARD H. PRATT

RATHER early in the 19th century, before the country had gone Gothic, the glory that was Greece was made to glow in American architecture. There was no genius then great enough to fan it into flame, but the movement flourished, and before it died it had left its mark in many buildings of calm and noble beauty. It was a curious revival. It came suddenly, lasted for perhaps thirty years, then, about 1840, vanished. For all the effect it had upon the houses of the period the Renaissance might never have existed nor the country already been clustered with Georgian houses that now seem to us irresistibly lovely. This revival was a return to undiluted classicism. Nothing since the Greek temples was allowed to influence its development.

So houses began to resemble Greek temples. Roughly speaking, the difference between the good and bad houses of the period was the difference between simplicity and plainness, between good proportions and mean. There was made no particular attempt to develop a vernacular, to translate the dignified Greek manner into an architectural style that would fit in with the customs and character of the fresh young Republic; but somehow this lack of adjustment failed to matter. Surprising as it may seem the antique tradition settled snugly into the new situation. It may have seemed a little strange to live in a house that looked like a Greek temple, even though it were built on a smaller scale and planned for domestic existence; but if one had never seen a Greek temple, and if

these houses were livable and looked well in the landscape, even that discrepancy could scarcely make a difference.

From Maine to Florida houses still stand which were done then in this style. The further north they are found the more modest they are in size and appearance. Through Connecticut and upper New York there must be many that measure less than thirty feet along their greatest dimension. The walled-in part of the houses was generally made square, the boxiness of this shape being relieved by a portico extending

from the front—a four-columned affair, mostly, that rose from the first floor to the roof. The directness of this type of design and the simplicity of its construction were no doubt great factors in its popularity. Of course, many of the houses were hopelessly bad, but given a book of Classic examples (Stuart's *Antiquities of Athens* was a favorite source of inspiration) almost any good carpenter with ingenuity and taste could put up a house that actually gave forth a faint fragrance of architecture's most perfect period.

While the houses of this era in the North show how admirably at times the pure Classic style can be adapted to smaller dwellings, it was in the South that its dignity and suggestion of grandeur were particularly appealing. There, on the great plantations, landowners lived an almost regal existence, and they saw in these imposing porticoes something that suited the splendor of their situation. Also, in the South the single feature of the houses, which was sometimes a disadvantage in the North, namely, the portico, with its tendency to shade the front of the house and darken the rooms opening under it, became a very happy device, for shade there was not a handicap to comfort. So both appearance and utility were served, and the Greek Revival found a happy home.



Tebbs & Knell

In the dining room at Mimosa Hall an appropriate treatment for the period of the place has been achieved by this Empire table and chairs under a framed panel of Cupid and Psyche paper from Lafitte



Tebbs & Knell

From the garden side the house seems to nestle comfortably in a deep and luxuriant setting. Vine-clad and mellow with age its dignified form shows no trace of austerity

A garden has been made on a level space below the house level at the rear. Box-lined paths connect it with the building and broad stone steps make an easy descent



The richly colored marble mantel in the living room, its mirror, clock and ornaments, are, like the furniture, typical of the Empire taste which came with the Greek Revival



The house shown here, Mimosa Hall, at Roswell, near Atlanta, Georgia, is a splendid example of the period. It shows a most sympathetic handling of the Attic idea in terms of an American country home. Its formality has been so softened by the surrounding foliage, and the arrange-



Tebbs & Knell

The air of dignity and calm in this great portico, with its fine Doric shafts and simple cornice is an argument for a revival of the Greek Revival. Neel Reid, owner

The garden, only recently completed, has two panels in knots and parterres and a central section, brick-paved, marked by a long narrow pool between beds of Irises



The entrance hallway repeats the scheme of decoration found elsewhere in the house: a panel of La-fitte paper framed above an Empire chest holding two alabaster figurines

ment inside and out has been so nicely carried out for comfortable living, that the whole flavor of the building is one of belonging to its place and purpose. No house, in any style, can do more, and that a house of the Greek Revival should achieve this so beautifully is a temptation to bring the style to life again.





Mott Studios

Viewed from the highway the house presents a finely balanced façade; superimposed clusters of three windows each in the center and well sized, interesting doorways at each end, all set in a surface of roughly textured, warm toned stucco under a strip of coral colored tile roof



At one side of the tile paved patio a fireplace, sporting a brilliant overmantel medallion, has been built

From the hills beyond the house a stream flows down a cascade into an arched, tile bordered grotto, thence into a pool below



The entrance doorway has a finely decorated flaring reveal, while the door itself is a heavily battened bit of typical Spanish design



A HOUSE IN HOLLYWOOD

STILES O. CLEMENTS
Architect



The driveway curves up to the house from the highway between an evergreen hedge on one side and banks of Roses and other flowering shrubs on the other

The first floor plan shows the main part of the house devoted to the entrance, living room and study, and a wing apiece for the service and garage

T H E B U R N I N G B U S H

*Extending Fire Protection to Our Forests is a Federal And
State Problem That All Good Citizens Should Support*

MOSES, it seems, is the only man on record who saw a bush burn with fire and the bush was not consumed.

The glorious autumn just past has seen an amazing number of bushes afire and consumed. It has been one of the most tragic in the history of our eastern forests. For over a month not a drop of rain visited the parched land. The leaves fell and dried into tinder. A spark—and the forest was alight.

It would be difficult to estimate the value of the timber consumed in these conflagrations; the next generation—and perhaps ours also—will foot the bill. A few more such seasons, and the lumber shortage will become acute. Then, doubtless, amiable citizens will struggle in their efforts to do something about it. Meantime people who aren't so satisfied are struggling to see that these timber losses by fire are held down. They are trying to control the cause of such fires, they are working to have burnt-over areas replanted and, in some measure, to compensate for the timber loss.

JANUARY marks the fiftieth anniversary of the founding of the American Forestry Association. This association is composed of forward-thinking citizens who appreciate the value of our forests and their vast yearly destruction by fire. Due to efforts of this society Congress last year authorized the expenditure by the Federal Government of \$2,500,000 for fire protection, provided the amounts allotted to the different states be matched dollar for dollar by the states themselves. Since a large number of the states have failed to develop fire protection organizations sufficient to qualify under the law, it is estimated that less than a million dollars of this fund will be appropriated by the Government.

This sounds rather appalling. And it is appalling. Many of our states are evidently under the impression that Moses was not the only person who saw a bush burn with fire and yet not be consumed.

AT the present writing the following states are without forestry departments—Arizona, Florida, Georgia, Mississippi, Nevada, New Mexico, Oklahoma, South Carolina, South Dakota, Utah and Wyoming.

In some of these western states the great amount of national forest land within their borders is probably the reason for the lack of state organization, although none of them are lacking in a distinct need for a type of state forestry department for the enforcement of fire protection laws and the co-operation with federal forces in the prevention and control of forest fires.

The middle western group, including Nebraska, Missouri, South Dakota, probably lack interest on account of their comparatively small forest area. However, they have, in addition to the need for a fire protection system, the need for an agency for the promotion of reforestation of idle lands. Oklahoma, while not generally considered a middle western state, has a similar situation.

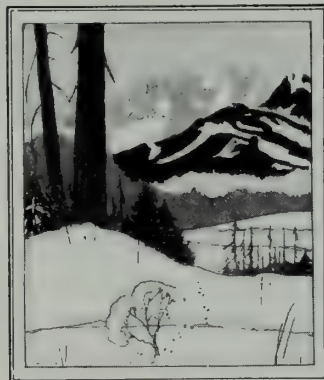
The five southern states, Arkansas, Mississippi, Georgia, South Carolina, and Florida, are all heavily timbered and have large areas of idle land. In fact, more than eleven percent of the total area of these states is now idle and cut-over land which is not being satisfactorily restocked. This area is being added to continually by a heavy cut of timber which increases every year in volume. There is no provision for fire protection or reforestation. The present course of these states in handling their timber lands greatly curtails the chance for sound economic development of the region. Forest industries which are great employers of labor and producers of local wealth simply move out when the forests are exhausted.

THE stimulating of such forestry protection statutes is one of the works of this excellent association now celebrating its fiftieth year. The other great work is its agitation for the establishment of National Parks. The eastern half of this country is lacking in such reservations. We need them in the region of the Great Lakes, in the White and Appalachian Mountains (where the Government has already purchased two and a half million acres) and in the South. It will be urged upon Congress—a matter that should be supported by every good citizen—that legislation be passed which will make possible the establishment, within a period of ten years, of a chain of public forests encircling the larger centers of population and industry. Of these public forests eight million acres will be in the eastern half of the country, over which the shadow of forest bankruptcy has already fallen. This eastern area contains more than three fourths of the nation's people, three fourths of its industries and three fourths of its non-productive, cut-over land.

The area of deforested lands east of the Great Plains has now risen to the amazing figure of 285,000,000 acres. Realize what this means—timber once stood on these 285,000,000 acres, its trees protected the streams and rivers, its fastnesses were a refuge for game. It has now either been turned to the plow or stands idle. During the past fourteen years, over 75,000,000 acres of virgin forest have been cut away. This does not include the acreage destroyed by fires.

HERE is a situation that every self-respecting citizen must be interested in. He must have a national conscience for our forest protection; he must have a state conscience if his state lacks adequate protection for her forests; he must have a personal conscience and sense of responsibility when he enters these forests. He should support local, state and national organizations in endorsing and supporting the projects of the American Forestry Association.

To repeat—Moses is the only man on record who saw a bush burn with fire and the bush was not consumed.





Wallace

THE MELLOW QUALITY OF RUBBLE MASONRY

There is a striking contrast between the texture of the house walls in this Chestnut Hill, Pa., residence and that of the California house in the frontispiece. Where the latter finds its chief beauty in sharp lights and shadows, this finds its great loveliness in the colors, pattern and surface of its stone work. A. H. Reeve, owner; Robert R. McGoodwin, architect

THE FIRST OF FOUR IDEAL SMALLER GARDENS

With this issue the FOUR IDEAL SMALLER HOMES series enters its final stage. Since June the houses have been designed, decorated, furnished and equipped. Now, beginning with Mr. Dana's, their grounds and gardens will be done



THIS IDEAL SMALLER HOMES series was planned to prove the possibilities of the moderate-sized suburban house. For long enough this kind of house had seemed to be architecture's stepchild. There seemed to be no reason why the house that was neither small nor large should not come more generally into its own. So, four architects of the highest standing in their several sections of the country—New York, Philadelphia, Cleveland and the Coast, were asked to submit designs to *HOUSE & GARDEN* of houses that would not only solve all the problems of the moderate-

sized home but be typical of the architectural styles and building methods most suited to this kind of dwelling.

Each house was designed for a family of at least four, and one or more servants. Each one contained an attached garage, and was to cost not more than \$20,000. The idea was to develop an establishment, including the ground (in each case a plot seventy-five by one hundred and fifty feet), the decorating, furnishing, and the preparation and planting of the garden and grounds, all to cost less than \$30,000.

Beginning here, and continuing through

the next three issues, the gardens and grounds of the four houses will be done. The grounds whose arrangement and planning are described in this article are those for the house designed by Richard H. Dana, jr., architect. The house, being rather French in feeling, with a stuccoed exterior and a definitely formal appearance, gives an opportunity to do a garden in the French manner, something rarely attempted in this country except in imitations of the grand and florid fashion of France's most pretentious period.

In this case simplicity has been the quality



sought—simplicity, directness, and discretion in the use of plants. All these are characteristic traits of the smaller and unaffected French gardens, both old and modern. In one sense of the word there is no definite garden although there is a small garden plot on either side of the broad *tapis vert* that stretches from the terrace to the rear property line. These small garden plots, however, are only incidentally decorative. One is devoted to neat-growing vegetables and the other to flowers for cutting. They are not meant to make any particular display, and merely occur here

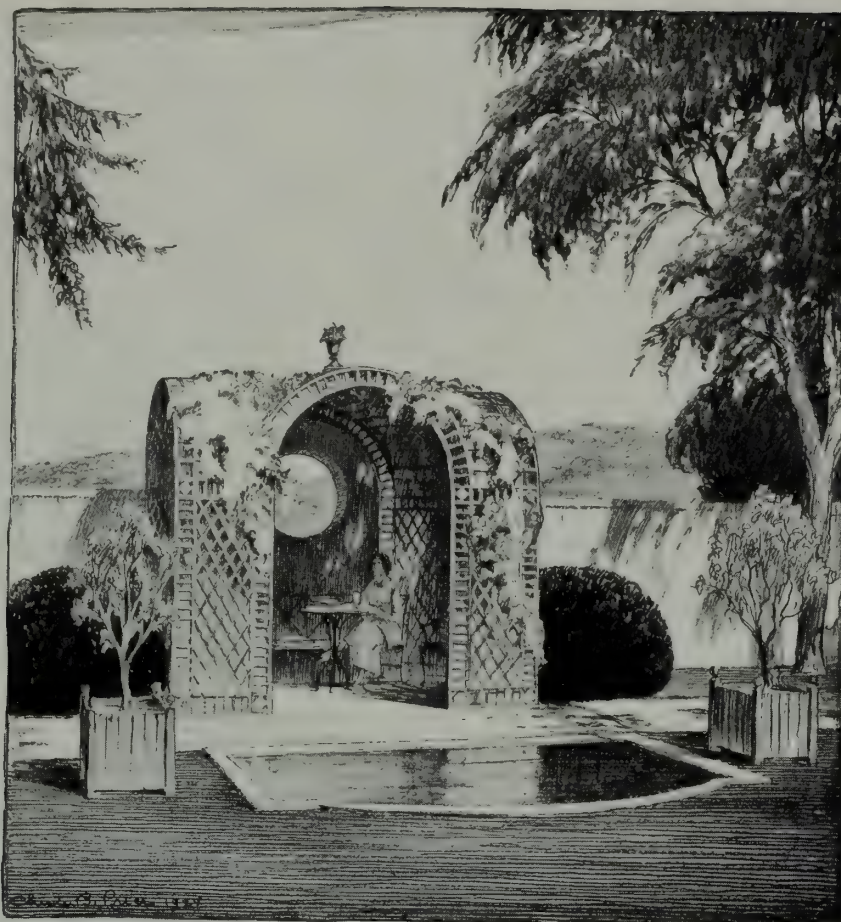
This drawing of the whole place, done by Chester B. Price, shows how carefully have been kept the essential qualities of unaffected French gardens—simplicity, restraint, and directness, resulting in remarkably low upkeep and ease of operation

as very pleasant things to see in passing.

The site is level and faces north: almost ideal conditions from the standpoint of ease and convenience in planning and executing work on the grounds. Scarcely any grading is necessary, and the exposure for both garden and house is perfect. These are important factors in the design, and

their influence becomes quite obvious as the development of the plan is followed.

The principal part of the garden is the great open panel of turf, flanked by rows of dwarf apples. The eye is carried across its smooth green surface to a cross-arched pavilion, done in lattice, whose graceful, delicate lines are reflected in a brimming pool. A gravel path, with well kept edges, surrounds this *tapis vert* and forms the connecting link between terrace and pavilion, and provides, as well, access to the small garden plots and the service spaces on either side of the house. At the end of each side



Against the rear garden wall, arched at this point and pierced by a circular opening, stands this graceful, cross-arched pavillion of lattice. It is on the axis of the tapis vert and is flanked by two clipped privets

path, looking from the house end of the garden, stands a vase on a shaft—a crisp architectural note to close the vista.

The whole garden space—in fact, all the property from the south facade of the house to the rear boundary line, is enclosed within a six-foot wall, stuccoed to match the house. The protection this affords and the splendid framework it provides for the garden are things which the French appreciate intensely. A garden there, in town or country, would no more be built without a surrounding wall than a house would be made without rooms. To make this wall inexpensive it might be built of hollow tile; to make it less expensive than that it might be built of frame and stuccoed.

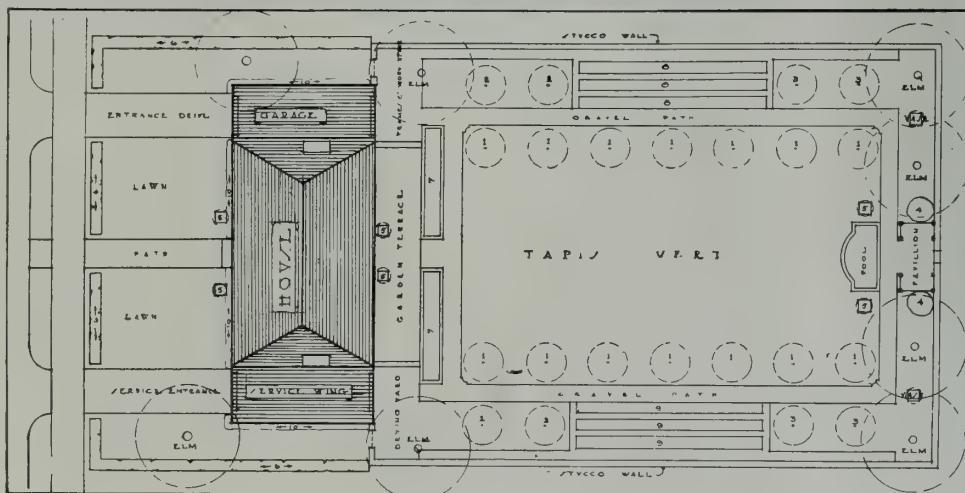
The terrace carries across the garden face of the house between two wing walls which separate it from the gardener's working space at one side and the drying yard at the other. It is paved in tiles and is set with groups of iron garden furniture in graceful and delicate lines.

The existing growth on the site consists of several large Elms, four of which are disposed along the rear property line and the rest clustered about the house. The subsequent planting has been planned with great economy in the choice and number of plants used. The result is a place whose upkeep can never become a burden. Everything has been done for convenience and ease of operation.

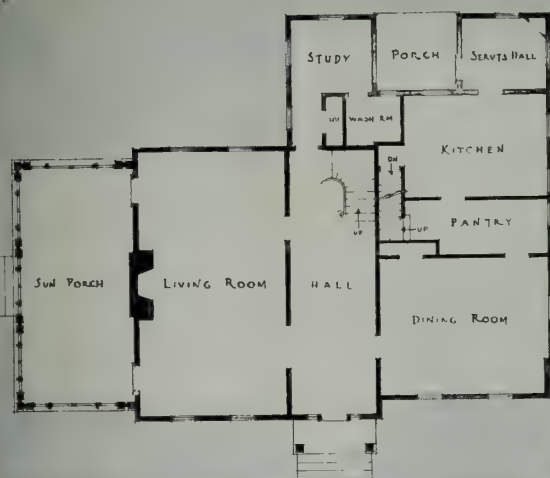
At the end of each side path, bordered by dwarf fruits, stands an urn on a stone shaft, as an architectural accent to close the vista



The planting diagram below shows with what simplicity the whole place has been planned. The numbers refer to plants named in text



With the exception of such things as grape vines against the garden walls and flowering vines on the little pavillion all the planting on the place is indicated by the numbered spaces on the plan. Item Number 1, for instance, should be some suitable variety of Dwarf Apple—a kind of tree to stand from ten to fourteen feet high. Number 2 marks the location of Dwarf Pears of a similar size, and Number 3 Peaches. The two Number 4's, on either side of the pavillion, are clipped Privets as shown in the sketch at the top of the page. Number 5's are Bay Trees or Oleanders set out in tubs in Spring and taken in when frost arrives. Number 6 represents a hedge of Barberry which surrounds the front section of the property where it is pierced by the garage and service entrances and the entrance path. Number 7 marks the two long beds of annuals fronting the terrace. The narrow panels marked 8 constitute the small vegetable plot, while Number 9 marks the cutting garden opposite. The foundation planting of the house has been made appropriately effective by giving it simplicity almost to the point of severity. It consists altogether of Evergreen Bittersweet (*Euonymus radicans vegetus*), which provides a dark green border along the base of the building at every season.



From the naïveté of its original state this farmhouse has been very successfully given an architectural consciousness, with a hooded entrance, balustraded wings and shutters in the old New England manner



The first floor has a living room of splendid proportions, with windows at either end and French doorways leading onto a sun porch. The right wing contains the dining room, study and the service

The stable, gardener's cottage and smaller buildings have been done over delightfully; the former into a garage with three arched doorways, and the latter into a group having the fine flavor of unpretentious design



On the second floor are two masters bedrooms, one guest's, two for servants, two bathrooms and a pressing room. The hallway is wide and is connected with the one below by a curving staircase

A THREE PAGE GROUP OF THREE HOUSES
From Connecticut, New Jersey and Maryland



Melichor

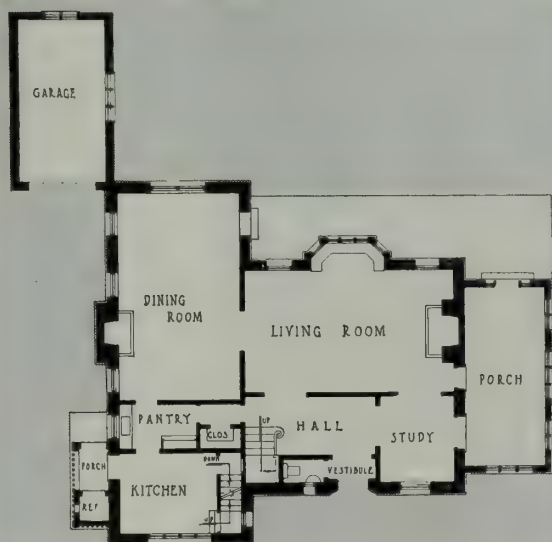
The home of Paul Patterson, in the suburbs of Baltimore, is an American interpretation of a familiar English country house style in which a double bay window and casements are features

A HOUSE IN BALTIMORE, MD.

EDWARD L. PALMER, *Architect*



The garden view is shown above, and to the right is the street façade. Although not under the same roof as the house, the garage has been closely linked to it as an appended service



Both the dining and living rooms are about the same size. The hall has been kept down to a necessary minimum

A master's suite occupies the major part of the second floor, with two additional rooms and a bath in the wing

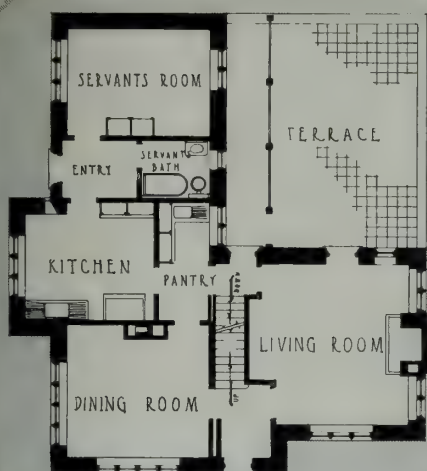




The Tudor style, generally associated with large country houses, has been successfully developed in this small residence, the home of Frank R. Ford

A LITTLE TUDOR HOUSE IN ROSELAND, N. J.

MICHAEL STILLMAN, *Architect*



A larger amount of space than is usually assigned to it is given over to service; on the other hand, the paved terrace is really an outdoor extension of the living room



Since the servants are given a room downstairs, the four bedrooms upstairs are for the family. Their arrangement affords an abundance of light and ventilation

The scale of the architectural details has been so carefully studied in the exterior that the house is one of rare examples of completely successful architecture

THE ART OF THE TILE

These Jewels of Architecture Are Considered for the Important Part They Play as a Decorative Element in the House

RALPH PATTISON

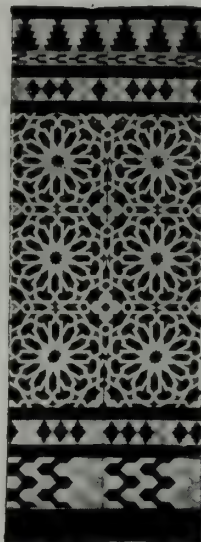
COLOR is coming again into architecture, and decorative tiles will play a great part in the chromatic revival. Nothing else is more able to take the leading role; for what fabric, paint or fresco, granting the ability of any one of these devices or materials to match the beauty of finely designed tiles or the brilliance and depth of their color, can be so durable, so unsusceptible to time. When tiles return into general use architecture will have recovered her jewels and will be gay again. It would be a pity to abuse this opportunity for gaiety and make it garish by failing to treat tiles with the tenderness and restraint which make them most effective. Tiles are a most poignant delicacy, and subtlety is the best approach to beauty where they are concerned.

It may be understood that the word *tile*, as used here, refers to that type of tyle known as *faience*, which differs from the ordinary floor tile and roof tile in that it is decorated, colored and glazed. Its purpose is almost purely decorative. The name is taken from that of the Italian town of Faenza, one of the first centers of the industry, where, still, some of the loveliest tiles in the world are made—when the kilns are not being used for baking macaroni.

Italy and Persia were great places for tiles, as were Turkey, Morocco and, subsequently, Spain. Probably climate and the crying desire for color had much to do with their popularity and their gorgeous development in those countries; certainly tiles gained an importance in architecture there which



Above is a native reproduction of an old Persian tile in polychrome, fifteen inches square and exquisite in color and design



A splendid example of Spanish-Moresco tiles making up a central panel with borders. Made in Sevilla by Jose Mensaque

has never been equalled elsewhere—particularly on the exterior of buildings and in gardens. This was the case in the Orient, too. In cooler countries they have never been laid so lavishly, or with the same degree of splendor. Tile floors were done, of course, and wall panels, fireplace faces and stoves were made, but tile-work remained an incidental motif, whereas further south, from India to Spain, it was almost the principal theme in the architectural symphony.

Rather than go into a detailed description of the history of tiles, their decorative development and the various modes of their manufacture (though these last scarcely differ from the ancient practices except in the application of modern methods), it will be enough to say that tendencies in tile design were largely controlled by the use to which tiles were put in different parts of the world, and by the natural differences in taste and temperament encountered from country to country. We are apt to recognize a piece of pottery as belonging to a certain nationality, because pottery, from all parts of the world, has come into rather general household use. It will be found that tiles of certain periods and countries resemble the pottery of those periods and countries, the fashions in both being part of the same artistic impulse. This rule may not follow in every instance, but for one unfamiliar with tiles yet knowing something of pottery, it will serve as a rough though simple guide.

In the warm climates of the
(Continued on page 108)



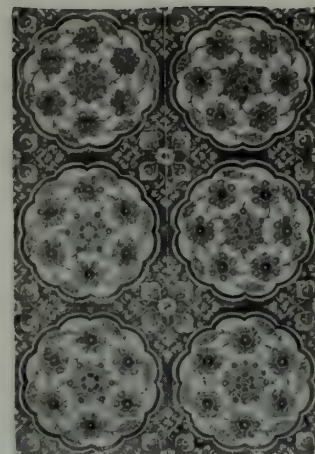
This Persian tile, showing a goat herd in repose, like that of the Seven Virgins opposite, has a background in blue with ivory white figures in relief



This bathroom, an adaptation of tiles to modern interiors, is a beautiful tour de force in blue and white. By the American Encaustic Co. & J. L. Mott



The polychrome tiles of Persia are among the loveliest in the world. These are modern reproductions



Another panel of Persian tiles. All the reproductions of foreign tiles are imported by Robert Rossman Co.

Tiles are admirably adapted to fireplaces. Those which make up this interesting panel were designed by Julius Gregory, architect, and were made by the American Encaustic Tiling Co.



The naïveté of design in these tiles, achieved by having the drawings made by young girls, is carried through a large and splendid series by the American Encaustic Tiling Co.



The bathroom is completely lined with tiles and set with blue and white Wedgwood plaques. Courtesy of the J. L. Mott Iron Works

No better wall surface than tiles is possible in a kitchen. Here a simple design gives sparkle to the room. Both rooms by American Encaustic & J. L. Mott





Gillies

Picturesque details of an artist's home cannot fail to interest those intending to build. The views here are details of additions to an older building. This shows the entrance from the paved court to the dining hall. The door is painted blue; its steps are of broken flagstones laid on brick



The view into the paved court shows the connecting passage between the living room in the new wing and the dining hall in the original building. The stucco is cream color set up in the old English manner. The nogging is of salmon colored brick. The shingle roof has been left to weather



This west side of the new studio building shows an interesting combination of stucco and clapboarding. The oiled clapboards are set at random widths and laid up unsymmetrically as to line. All the windows are simple casements

DETAILS OF THE HOME OF

JOHN G. SHERIDAN

PORT WASHINGTON, L. I.

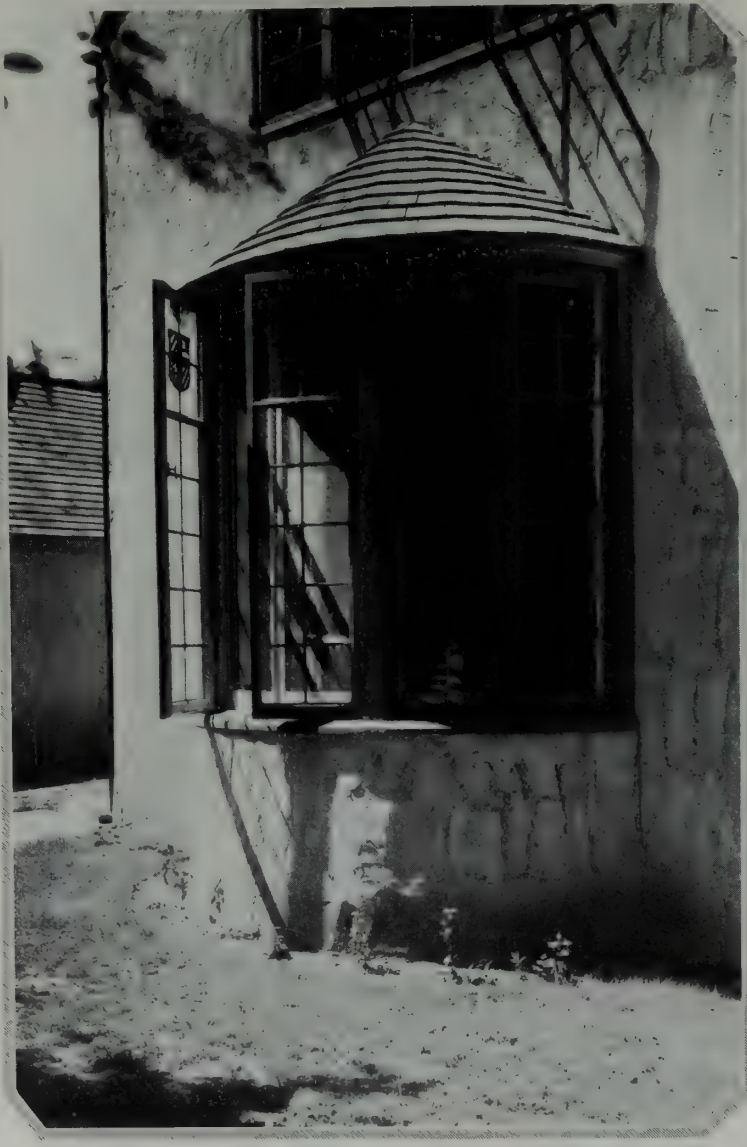
WESLEY S. BESSELL, *Architect*



The kitchen entrance is like the romantic corner of a set for "La Bohème." Its blue stone steps flanked with simple wrought iron balustrades lead to the service entry. The lintel over the kitchen windows is painted orange. We like the old street lamp, too

Where once stood the main entrance door of the original small house was developed this little circular bay window, with its flaring shingle roof laid not unlike thatch on an English cottage

A feature of the dining hall is this semi-circular bay window. The panes are of leaded glass with shields in color. The window frames are blue-green and the trim a pleasing apple green



COLORS TO PAINT THE HOUSE

*Suitable Schemes for Various
Types of Houses are Given Here*

BERTON ELLIOT

IT is safe to say that the colors used in house painting represent fully fifty per cent of the value of painting to those living in their own homes.

The logic of this conclusion is realized when one stops to think there are just two major reasons for painting, both of about equal importance—preservation—and improved appearance of property. Many jobs register zero from the standpoint of improved home appearance, due entirely to the wrong use of colors. These jobs, therefore, may be properly said to give the owner only fifty per cent of the value possible to obtain from the money spent for painting.

The right use of color means more than picking out colors that look well together when paper samples are placed beside each other. The architecture of the house must be taken into consideration. Surroundings must also be considered. The colors of neighboring houses also have a bearing on the question.

SOME of the fundamentals governing the use of color in exterior painting will be of interest.

For instance: light, warm colors make surfaces appear larger. Dark colors tend to make them appear smaller. The modest cottage ordinarily appears to best advantage in the light, warm shades, while many a large dwelling, that would look ungainly and over-prominent in light shades, looks well balanced and stately in dark colors.

Cold, light colors, such as light gray or green, do not seem to change a surface appearance to any extent, and are known as neutral colors. They are often especially pleasing where a building is situated in an open, exposed plot, and not surrounded with trees.

Bright, warm colors containing red or orange make a surface seem nearer to the eye. One of the places where this principle needs to be considered is in painting the pillars of the porch. A yellow body color, for instance, with green trim, requires the pillars in the yellow rather than the green, so they will hold their place out nearer the eye and preserve the architectural and structural value of the building. Blue is a retreating color, and should be used under opposite conditions.

The tall, narrow house can be made to appear lower and broader by keeping the body in a light tone, with a dark, contrasting color for trim.

A squatty house will seem taller in grays or greens with dark trim—and care should

be taken not to emphasize any horizontal lines, painting them in the body color wherever possible.

In large, square houses, with a division between the first and second stories, if the upper part is in shingles, it may be done

color. The difference in texture permits this treatment when the upper part is shingled.

Where a house is situated between two buildings in strong colors, do not use another strong color. It will ruin the looks of all three houses. Use, rather, a neat, modest color of neutral tone, with either the trim or roof color in a shade or tint of the strong adjoining color, thus forming a "color bridge" that will bind the three in harmony, and improve every one in appearance.

The trimming, an important element in the architectural plan, is even more important in the painting plan, as with the manipulation of the trim color it is frequently possible to modify the appearance of the house to a considerable extent. A trim color provides contrast and gives interest. Time and grime will soften the contrast, but not destroy the interest, whereas a season's grime will make a house in light color without a trim quite ugly, the grime being much more noticeable when no contrasting trim is provided. Introducing trim color does not necessarily mean the painting of cornice and corner boards in a trim color. Shutters, sash or flower boxes might be just right for the trim effect.

The correct combination of colors under individual prevailing conditions is necessary to a fully pleasing color scheme.

A GREAT deal of the success of painting depends upon having *exactly* the right tint. A very slight difference in color might mean the difference between the finest looking job and a very ordinary one. Colors can be very readily changed, either in prepared paint, or in a lead and oil mixture made by the painter on the job, by tinting with a little color in oil of the right shade. Ivory, for instance, can be made a little stronger by adding raw sienna, or a little lighter by adding white. Yellow can be made stronger by tinting with chrome yellow, and lightened with white, etc. To be entirely certain of the color, it is advisable to paint a small section of board in the number of coats to be applied, as some colors especially blues, dry out to a different shade than when first applied. With these colors the house will look considerably different the next day than it does immediately after the last coat has been applied. It is also a good idea, where practicable, to leave the front of the house until the last, so if the sides or end do not come out exactly right, the paint can be

(Continued on page 118)



DUTCH COLONIAL TYPES

1

Body White
Roof Emerald Green
Cornice, Corner Boards, Etc. White
Blinds Bright Green
Sash White
Front Door Bright Green
—Green shrubbery to break the hard foundation line, and give further pleasing contrast is very advisable.

2

Body Cream
Roof Red-Brown
Other Shingled Surfaces Moss Green
Cornice, Corner Boards, Etc. White
Blinds Moss Green
Sash White
Front Door Walnut Stain
—Sodded terraces are particularly appropriate with the Dutch Colonial type for all painting plans, but particularly with white and green schemes.

3

Body Rich Ivory
Roof Silver Gray
Other Shingle Surfaces Silver Gray
Cornice, Corner Boards, Etc. Rich Ivory
Sash Rich Ivory
Front Door Walnut Stain

4

Body Ivory
Roof Emerald Green
Other Shingled Surfaces Olive Drab
Cornice, Corner Boards, Etc. Ivory
Blinds Olive Drab
Sash Ivory
Front Door Walnut Stain

with stain in a different tone from the lower part in siding. If, however, the entire house is in siding, it will usually cut the house in two and make it look too broad if the siding is painted in upper and lower

A LITTLE PORTFOLIO OF GOOD INTERIORS



©Sigurd Fischer



The main feature of the attractive boudoir is the draped dressing table hung in coral colored taffeta, a nice contrast to the green walls. The hangings in this room are chintz in cream, coral and blue. Wm. A. French & Co. were the decorators

The portfolio this month is devoted to the home of Mme. Galli Curci at Highmount, N. Y. In keeping with the fine simplicity of the background are the sturdy oak pieces from originals in the Kensington Museum, H. T. Lindeberg, architect



The long living room with its neutral tinted plaster walls, its unusual carved lintels and its fine built-in bookcase is given color by hangings of green wool damask and gay printed linen upholstery in a Jacobean design



On either side of the wide fireplace in the living room is a small sofa done in mahogany colored damask. The modern, hand-tufted Spanish rug has a tête de nègre ground. Wm. A. French & Co. were the decorators



More interesting even than the living room is the studio with its effective beamed ceiling and finely proportioned leaded glass window. The curtains here are antique crimson damask and the upholstery, a block printed linen



As this room is intended primarily for music the piano is given the place of honor in front of the high, crimson hung window. The cover of the 15th Century Italian brocade provides brilliant color. Wm. A. French & Co., decorators



Scarcely another material offers a lovelier contrast to surrounding rich green foliage than white-painted wood: a fact made apparent by this Long Island house. Harrie T. Lindeberg, architect

B U I L D I N G I N W O O D

*The Most Characteristic of All American Materials is
Capable of a Great Variety of Interesting Treatments*

FREDERICK HOUSTON

THE continuation down into modern times, on any considerable scale, of the wood-framed house has been a distinctly American contribution to residential construction.

If our Atlantic seaboard had been settled with immigrants from Mediterranean Europe, with Italians or Spaniards for instance, we would not have received the tradition of mediaeval English wood construction which came in at our start,—and our early buildings would likely have been largely done in masonry.

Settled, however, with colonists from England, we became possessed of an ancient, but still vital, facility in the use of wood, both for framing and for covering the exterior of the house.

In the early 17th century, in England, wood construction was on the decline, for beginning with Elizabeth's time, England had taken to the sea, and her forests were being converted into ships and much less timber was available for building. Brick masonry, too, was coming into much more general use for the smaller farm and village houses, which but a little earlier would have been built with wood framing. But building with wood was by no means a bygone habit, and moreover the almost

universal earlier use of wood for the smaller homes meant that our first arrivals, largely village and country people, had probably been born and reared in wood framed houses.

These English wood framed houses were not generally sheathed or clapboarded in wood. Clapboards appear always to have been common enough in England, but not generally for covering the entire exterior, but rather for odds and ends of wall surface.

The English wood framed house was what we call "half timber", and generally presented on the surface the faces of its timber frame, with plastered or exposed brick fillings between. In spite of a great difference in surface appearance, this English "half timber" house was the immediate ancestor of our Colonial "frame" or "clapboarded" house. Many of our Colonial wood buildings, with the clapboard ripped off, would show themselves immediately akin to "half timber" even to the fillings of brick, or of mud and straw, set in between the beams. In this country, a rigorous climate, and a lack of lime for mortar or plaster made the further covering of clapboards or weather boards a necessity, and the wood was at hand for this

surface use, as well as for framing.

It is in New England that we have a fairly extensive remainder of very early framed buildings. There we have a considerable group dating well back into the 17th century, and showing strongly their Gothic derivation in their long narrow mass, high gabled roofs without dormers, and particularly with their overhanging second and attic stories. The broken chimney faces, too, hark back to Gothic usage, and add still further to the mediaeval flavor.

On these early houses there is little embellishment in the way of elaborately molded window and door trim and cornices. In the most elaborate, molded barge or gable boards, drops or pendants to the overhang, and the chimney treatment are all that show an effort toward dressing up,—but of all our wooden houses, these earliest ones show the greatest harmony between design and material. Their fine mass, with the sharply pitched gables, and strong chimney stacks, and particularly the narrow ribbon like clapboards, convey a sense of simple verity in the use of wood which has not been equaled in our later work.

(Continued on page 124)



Narrow clapboards and the use of irregular widths are characteristic of such late 17th century houses as "Solitary Cove," near New Haven, Ct. R. H. Dana, jr., architect of the restoration



The wall surfaces on this house have their boarding channeled and beveled to simulate the jointing in cut stone, a device which gives a delightful texture. Delano & Aldrich, the architects

In the house above the narrow clapboards bring out the scale of the window and door openings and enable one to realize the proportions of the building. Note the suppression of the second story overhang



An early New England house illustrates the device of the second story overhang with its ornamental pendants. The houses of the period show a sympathetic and intelligent use of woodwork and framing

GARDENING'S GREAT TEMPTATIONS

How Best to Meet The Oncoming Barrage Of Spring Seed And Nursery Catalogs

DURING the course of a year the average gardener faces several minor and two major temptations. The minor temptations are the catalogs of the specialists; the major temptations are the spring and fall catalogs. He can yield to them—which is the easiest way to be rid of any temptation; or he can try to resist them—which is sportier game.

It has been estimated that about one thousand of the five thousand or so seed, bulb and nursery concerns in this country issue catalogs. The editions range from a few thousands to the hundreds of thousands. It is an appreciable body of literature. The investment involved is enormous. Save in the rarest cases, these catalogs are sent gratis. The average gardener has half a dozen of them; in fact, they are so abundant and so easily obtained that he is apt to undervalue the service they offer and, perhaps, fail to realize what lies behind them, what effort goes into their compilation, what expense in their presentation. If he ever does stop to think these matters over, he will thereafter treat a catalog with respect and, treating it with respect, will be able to obtain a maximum of service from it.

Like fat bulls of Bashan on every side, the seed catalogs will soon be upon us. How can we get the best from them?

Their contents will fall into three parts—the things you hope some day to afford, the things you buy although you can't afford them, and the things you simply can't live without. That collection of French hybrid Lilacs may be a dream eventually to attain; but that extra dozen of choice bulbs you allow yourself even though your purse be strained. And as for seeds, they are absolutely essential to a gardener's existence.

THE making out of your order is the obvious end to which the catalogs lead, and you are a wise gardener if you temper your selection with a measure of elimination. Not that some of the seedsmen's offerings are worthless; merely that no one garden could possibly contain them all. You are faced with a thousand attractions where but ten or twenty can be accepted. If you fail to put the surplus resolutely out of mind, you will soon be floundering in a maze of indecisions.

Armed, therefore, with a blue pencil, a red one, and firmly mobilized will-power, you check off in red the items you simply must have, searching definitely for them and turning down the corners of the pages on which they are listed. This is the groundwork, the foundation planting, as it were. Into the compilation of

it no other allurements shall intrude.

Follows, then, a second and more leisurely conning of the pages during which blue checks are set against additional items which appeal to you as being particularly desirable. Go right through the catalog, designating each desired variety and jotting it down on a separate sheet of paper. At the end, you will have a list which, while it may be appallingly long, nevertheless has the merit of well organized arrangement. Pruning it down to workable proportions is simply a matter of courage.

ONCE the list itself is completed, it is an excellent plan to compare what several different catalogs have to say about the more important items. If A. & Co. has a particularly fine strain of Delphinium, that is the place to get Delphiniums, if B., Inc., features the world's best Iris, while A. has only the usual offering, you will naturally order your Iris from B.

It is a common mistake among inexperienced gardeners to order more seed than is needed. A ten cent packet, visualized from the catalog, suggests about enough to plant a square foot of soil; surely, at least half an ounce will be needed. Only when one gets on the ground and begins to plant does it become apparent that the half-ounce is about five times too much. In the interests of financial as well as seed economy, the wise purchaser of flower seeds limits himself to one or two packets of each variety, except in the case of such items as are wanted for broadcasting on a large scale. In vegetables, of course, one deals with birds of another feather, as it were; a half-pound of corn won't swamp a garden, nor will a peck of potatoes.

In the course of your prowling through the catalogs you will find much that bears on the success of gardening other than its attainment through the choice of seeds. If we may translate a certain automobile manufacturer's slogan into terms of soil and root and flower, it's not only the purchase price that counts. The reliable seedsmen knows that only by proper treatment can his wares be brought to full perfection in your garden, and so he interlards his descriptions with cultural directions and growing suggestions of many kinds. Even the experienced planter seeks these out and takes them to his heart (or his garden notebook), for they are based on professional knowledge of the highest order.

The modern seed, plant or nursery catalog, then, is more than a mere compilation of horticultural material offered for sale. It is a reference book of definite value and may well be added, with pleasure and profit, to

that shelf in the garden library where are kept the most practical of the garden books.

Of late years there has developed among plantsmen a tendency to offer "collections" of several varieties at lower prices per item than obtains in the general catalog list. These are often excellent opportunities. The reason for the reduction in price is not any lower standard of quality, but merely the increased number of orders which results from such offerings and the economy which results from making up stock orders in advance. It is the old story of small profits per order and large volume of sales.

It costs money to produce good planting material. Quality in seeds, plants or nursery stock is well worth paying for, and the producer is surely justified in the prices he asks. Now and then one comes upon real bargains—special offerings made to clear surplus stock or for some other reputable reason. These are excellent buys when offered by reliable concerns. But they should be investigated before ordering from a firm whose standing is open to question.

More and more, as time goes on, American plantsmen are becoming specialists and issuing catalogs devoted wholly to one or a few varieties. This is especially true of the flower people, among whom the practice of concentrating on such things as Dahlias, Peonies, Roses or Iris has produced some splendid results. These specialized catalogs are invaluable, especially to the gardener who has passed beyond the neophyte stage.

THERE is just one more word of advice—having made out your order for spring flower and vegetable seeds, be satisfied with it. Try a few of the novelties each year, but do not attempt to grow them all. Each year try a few of the things you never have grown, and if you succeed with them, put them on your list of absolute essentials and old friends, but remember that a few commonplace flowers and vegetables grown well constitutes better gardening than growing numberless novelties indifferently.

If you do have the misfortune to fail with some of the seeds you try, do not immediately blame the seedsman. Many factors contribute to successful plant growth of which fresh, good, clean seed is only one. And if you do not feel satisfied with shouldering the blame yourself, you can always lay it on the elements—the excess or lack of rain, the late frost, the burning heat, the wind, the obnoxious and omnipresent bug—destructive elements that the insurance policies, with pious astuteness, call "acts of God."

"His Majesty the Emperor and King de-
putes me, sir, to inform you that he grants the
petition forwarded to him by the prisoner
Charney, now under your custody in the for-
tress of Fenestrella, relative to a plant growing
among the stones of one of its pavements. Such
as are likely to be injurious to the flower must
be instantly removed."

Picciola, *The Prison Flower*

THE GARDEN BETWEEN WALLS

*The Story of How the Trodden Cinders of
Sing Sing Were Made to Blossom with the Rose*

RICHARDSON WRIGHT

A LITTLE more than two years ago Father Cashin, the beloved Roman Catholic chaplain of Sing Sing Prison, bought a set of miniature garden tools for one of the life termers. The prisoner was ailing at the time and the gift was accompanied by the suggestion that a course in digging wouldn't do him any harm. Since his previous experience had been far removed from gardens and gardening, the suggestion seemed novel. His work had never led him into the great world of green growing things. A journalist all his life, editor of a big metropolitan daily, he had spent years purveying news about people in cities—trouble and crime and accident and scandal, success and failure, bombast

and boost and knock. Moreover he—Chapin is his name, Charles Chapin—stands about six feet high, and the tools were the size a child would use. It looked as though the padre were playing a joke.

However, the word spoken in jest bore fruit. The prisoner asked if he might be allowed to look after the lawn—the lawn space being limited to a small area in front of the offices, some strips in front of cell blocks and one lone flower bed. The permission given, it was then a problem where the lawn mower, the sickle, the hose and clippers would come from. Eventually they were purchased, and the purchase used up a quarter of the budget for the care of the grounds at Sing Sing that year. The

funds being exhausted, Chapin had to wait till another quarter rolled around before money was available for grass seed. In the orthodox manner of prisons, Sing Sing had a firm foundation of crushed rock and trodden cinders and old scrap iron, which, as any gardener can tell you, is scarcely the sort of thing to support plant life. Yet, as the summer passed, those strips of lawn kept thriving and the prisoner began to feel better. And feeling better and having had this initiation into the world of green growing things, he was visited by a strange ambition. He wondered if the warden would let him make a little flower garden.

Now, men in prison have practically no money, their every act is circumscribed by



Near the south gate, through which all prisoners first enter Sing Sing, was an area of crushed rock. From this spot the gardens began



For background the Rose Garden has the tall range of a six-story cell block. On the other side are the factories. In this space, laid out in formal designs, are the Rose beds



the sternest discipline, and things you and I would do without asking must first be passed on by the warden. Major Lewis F. Lawes was (and still is) the warden at Sing Sing. His administration has been remarkable for its long-ranged vision; he saw in this suggestion a worthwhile idea. Between the south gate (by which all prisoners enter) and the old execution house was an area of crushed rock. This was handed over to Chapin. So was a long stretch in front of one of the cell blocks.

At this point House & Garden

Beds that relieve this stretch of lawn are devoted to annuals planted in solid colorful blocks. This open space faces the Hudson and is the only unwall'd area at Sing Sing



The fountain and basin at the middle of the Rose Garden are the work of an inmate. Two thousand plants find a place in this garden. Climbers will soon cover the arches

readers, garden lovers, seedsmen and nurserymen enter the story. Through the various garden magazines an appeal was made to gardeners to send surplus stock to Sing Sing. The answer was immediate and amazing. With this material Chapin and his inmate helpers made an herbaceous border 469 feet long, containing more than one thousand Iris plants, 150 Peonies, hundreds of other perennials and one hundred Rose bushes and six thousand spring flowering bulbs. Spaced at regular intervals are Blue

(Continued on page 92)



An herbaceous border, 469 feet long, extends down the front of one cell block. It contains, besides trees and shrubs, 1000 Iris plants, 150 Peonies, and over 6000 bulbs

A NEW RACE OF ROSES

The Author, Who Was the Creator of this Family, Describes His New Hardy Climbers

GEORGE C. THOMAS, JR.

THE first and greatest disappointment of Climbing Roses in the Central East is, or rather was, their lack of continued bloom.

The Wichurianas and their hybrids give a wonderful display in June; then evidently consider their duty done, and produce little more than foliage till frost—very often they lose most of that.

The Hybrid Tea Climber, with careful protection, does better, but at best its blooms are scattering; its growth varies, and often does not produce climbing habit; while, as a rule, it is subject to mildew, and loses foliage badly. It often winter-kills, and when this occurs gives practically no bloom.

Among the other classes of climbers, even including the new hybrids introduced from Europe, there are no kinds which really supply the want. The Tea Climbers and Noisettes, which are so wonderful as ever-blooming climbers in our own South, are useless where zero conditions obtain, and even that best of Southern varieties—Climbing Cecile Brunner—cannot be grown on account of winter-killing. It is true that in some seacoast areas in the East and North-west the moist, ocean climate aids the blooming of some varieties, but this is an exception to the general rule, and cannot be counted upon.

From 1901 to 1912, near Philadelphia, Pa., the writer tried everything obtainable, and after deciding that the ever-blooming hardy climber for his district did not then exist, commenced the experiment of securing it by hybridization.

Without going into too much detail of the work, it is sufficient to say that from 1912 to 1920 a process of elimination was carried on to produce the ideal desired. Practically every type of hardy climber was bred to all the ever-blooming bush roses, and at first valuable seedlings were few and far between; but after the first year, new kinds, which gave partial success, appeared, and their parents were at once used more extensively in new experi-



"Dr. Huey," a dark crimson maroon with light yellow stamens, the flowers borne in clusters. For this rose Mr. Thomas was awarded the Hubbard Memorial Medal by the American Rose Society



"W. F. Kendrick" is a pillar Rose, bearing silver white flowers with peachblush center. It is a favorite in Portland, Oregon, where it was awarded a silver medal

ments; and they themselves were tried as parents.

During 1920, a few of these seedlings were sent to the International Test Garden at Portland, Oregon; and one of them—W. F. Kendrick—a semi-climber, hardy and of ever-blooming habit, won second prize in the open competition and first among the amateur productions.

In the same competition, another seedling, Bloomfield Abundance, gave over 300 blooms during the season at Portland, and proved itself of merit as a hardy ever-bloomer of semi-climbing habit.

Abundance has been a pollen parent of the greatest worth, as it produced, among other seedlings, Cascadia, a rose which won the gold medal of the Portland Rose Society in 1922; and also Bloomfield Perfection, a variety as yet unknown outside of the author's garden, but the most valuable of the race, as its flower is of greater beauty and lasting, and it has well defined perfume, besides the other necessary requisites.

Meantime, from a cross between Climbing Caroline Testout and the Hybrid Musk Moonlight, another gold medal Portland winner was bred, and was named "Mrs. George C. Thomas." This rose also won a gold medal put up that year by the American Rose Society. In addition to these winners there were a number of other climbers and large growing ever-blooming hedge roses which were of considerable value; and among the latter was a cross between the dwarf Wichuriana Sylvia and Druschki, which has been in commerce a number of years. This rose, Bloomfield Perpetual, is a single white with growth up to five feet, and of strong, bushy, upright habit, excellent foliage, and a blooming season from May to November, near Philadelphia. This hedge rose is also



"Bloomfield Progress" is a scarlet Thomas Hybrid Tea Rose somewhat like General MacArthur

(Right) A salmon pink is the color of "Bloomfield Abundance," a hardy Rose in some sections



Salmon pink to orange is "Mrs. George C. Thomas," an ever-blooming climber to eight feet high

(Below) "Bloomfield Decoration" is borne in clusters, cerise pink with yellow stamens

perfectly hardy, as recommended in the Central East, and should be tested further North.

Among a number of other varieties may be mentioned Bloomfield Decoration, the result of a cross between Sylvia, noted above, and Arndt. This rose blooms constantly and is hardy in the Central East, with growth there close to six feet; but its greatest value has been found to be in Southern climates, where it gives a much greater growth, and in the California seacoast region reaches fifteen feet and blooms constantly during the entire year.

There are other roses of this class which have filled the requirements desired, but we have restricted our list to those which have shown the greatest hardiness in zones with heavy frost or remarkable merit in Southern climates. The characteristics as described are given most conservatively, and until this new race is tried carefully in our varied conditions it should not be planted in districts not recommended. For example, Bloomfield Defiance is a rose which does remarkably well in Philadelphia, giving plenty of color in its bloom; but in California sunlight this variety is nearly white, and therefore of little value, as it is inferior to Climbing Cecile Brunner which it somewhat resembles, while, per contra, near Philadelphia Cecile Brunner winter-kills to



the ground. Again, Mrs. George C. Thomas has the fault of losing foliage near Philadelphia, while it holds this well in the Pacific North-west. In California this last rose is of little value, as its blooms, for some reason, do not develop as in the North-west, and it loses foliage during the long growing season.

In "Roses for all American Climates," the very best of these new roses are described and recommended for the climates for which they are best adapted. There is not sufficient space in this article to explain rose characteristics as governed by climatic conditions, but if the descriptions hereafter given are carefully read and the varieties planted in the localities for which they are recommended, they will be found to be of the greatest value; and as they are more fully tested throughout the country it will eventually be possible to recommend them for additional districts.

The outstanding fact established by this experimental work is that a perfect ever-blooming, hardy climber is not only a possibility but a surety, provided the foundation work already accomplished is carried on. And in this connection it should be frankly stated that the new race as already produced is not by any means the ultimate conclusion, as it does not furnish an absolutely perfect answer to all the desired requirements; but it

(Continued on page 98)

THE BEAUTY OF BARBERRIES

*Although Some Are Commonly Grown There Are Uncommon
Forms Of This Shrub Worth Trying In Our Gardens*

E. H. WILSON, V. M. H.

BARBERRIES are in the forward ranks of garden shrubs. They possess many virtues which make them useful in a variety of ways. As ornamental shrubs they are worth growing for their beauty of habit, for their foliage and for their fruit. All the deciduous sorts display fine autumnal coloring. Many kinds are valuable as hedge-plants and several of the Mahonia group are perfect ground-covers. In general they prefer a warm loamy soil but are by no means fastidious. Propagation by cuttings of fairly ripened wood is moderately easy and seeds germinate freely though the species have a marked tendency to hybridize and produce mongrel races.

There is a strong family likeness among the Barberries. All are shrubs but they vary in size from low plants a foot high to huge bushes twenty feet tall. The leading characteristics are the yellow wood, yellow flowers in parts of three, a red, black or blue-black, globose, oblong or egg-shaped berry containing from one to several seeds. The curious may note that the stamens are irritable and if touched at the base with a fine-pointed pencil or pin, they spring forward to the pistil. The object of this power is to insure cross-pollination. A bee in search of honey pushes itself into

the flower, sets the stamens in action and becoming itself smeared with pollen carries it away to another flower and deposits it on the stigma. The true Barberries all have simple leaves which in many species fall in the autumn and in others are retained throughout the winter and are armed with spines, often of formidable size and strength, which may be straight and simple as in *B. Thunbergii*, three-partite and trident-like as in the majority of species or much-divided and often curved as in *B. actinacantha* and a few others. For the purpose of this article the group with pinnate leaves, often referred to another genus under the name of Mahonia, may be included. These are all evergreen and without spines.

In this era of quarantine regulations many Barberries are banned from cultivation in certain parts of this country. Some like *B. vulgaris* are the host of one stage in the life-history of a Fungus which causes the rust on wheat and where this cereal is seriously cultivated it is proper that these host-plants should be kept at a safe distance. But there is no need for panic nor panic-legislation. The disease known as Rust is nothing new, neither is the knowledge that it is intimately associated with the presence of certain kinds of Barberries. The farmer of China, Europe and America knew this long before the scientist had discovered the Fungus much less worked out its remarkable life history. For we know not how many centuries the pest has been known but

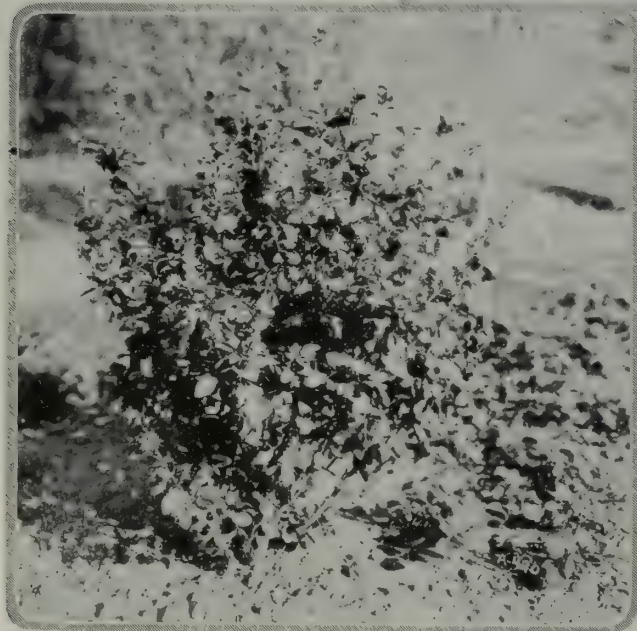
wheat has continued to be none the less successfully grown. Those fond of history may have heard that on January 13, 1755, there was published "The Barberry law of Massachusetts entitled 'An Act to prevent damage to English Grain arising from Barberry bushes'"—"Whereas it has been found by experience that the blasting of wheat and other English grains is often occasioned by Barberry bushes to the great loss and damage of the inhabitants of the province: (Continued on page 110)



A flowering branch of the lovely *Berberis verna*, yellow flowers on bright red branches followed by salmon fruit

(Left) *Mahoberberis Nieubertii* is a hybrid between the Oregon Grape and the common Barberry of the meadows

(Right) The hardest of evergreen Barberries is *Berberis Juliana*, with rigid branches and shining green leaves





(Below) Compare this fruiting branch of *Berberis verna* with the delicate flowering branch on the opposite page. The salmon-colored fruits weigh down the branches in Autumn. One of Mr. Wilson's discoveries in the Orient

Berberis vulgaris is the common Barberry of our meadows and woods. Its hanging racemes of bright red berries make it a prominent feature of autumn landscapes. It is often quarantined because it is a host for wheat rust



In the autumn *Berberis subcaulialata* bears clusters of semi-translucent fruits. It grows to a tall plant. Its leaves are small and gray-green in color



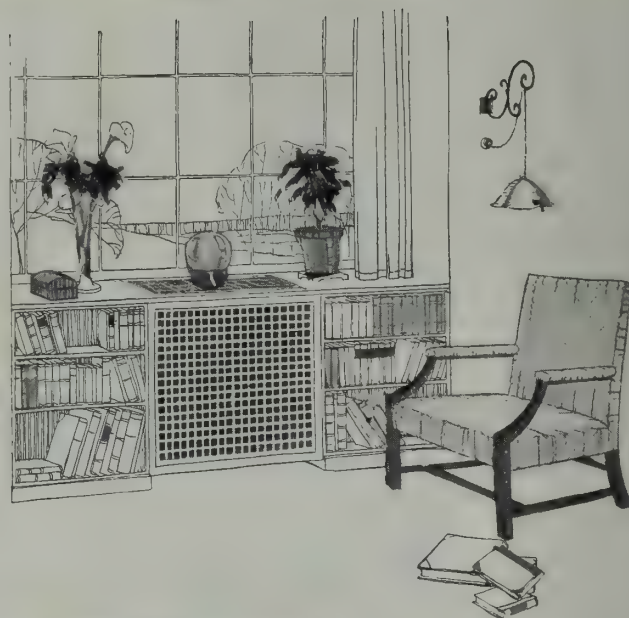
(Above, center) A fruiting branch of the popular *Berberis thunbergii*, whose scarlet berries throughout the winter glow like jewels. This shrub was introduced by the Arnold Arboretum



Berberis brachypoda is characterized by its heavy shoots and leaves. Its fruit is scarlet and hangs in racemes. China is its native heath. It is suitable for either massed or specimen planting



A radiator at the best is an unsightly thing and invariably detracts from the appearance of a room. Placed beneath bookshelves lined with asbestos it may be successfully concealed by a wood lattice with a decorative lyre shaped motif in the center. Designed by Harry C. Richardson



In place of disfiguring the side wall, the radiator in the dining room above is placed in the lower portion of a corner cupboard. The opening at the bottom and the grille above the doors allow for air circulation



A radiator in a recessed window is concealed with a metal grille and flanked by built-in bookcases. Grilles in bronze, brass or ivory white finish come in square, diagonal and period patterns. Tuttle & Bailey

When a radiator protrudes into the room, as in the sunroom at the left, it is rendered less conspicuous by an enclosure of metal grilles painted the same color as the walls. The top may be used to hold plants



One would never suspect that the quaint, gaily colored tile stove above conceals a modern radiator. The doors, with their decorative openwork design, are of cast iron. Designed by Harry C. Richardson



In the bedroom above a radiator in front of the windows was covered with an asbestos lined board and converted into a commodious dressing table that has been hung in apple green organdie. Chapin, Harper & Dutel were the decorators

In a room with a French feeling the radiator may be enclosed in a cabinet on Directoire lines. The front is wire netting backed by a fabric panel to go with the color scheme of the room



SUGGESTIONS FOR CONCEALING THE RADIATOR

AN OUTLINE OF OUTLETS

Electric Wiring Wisdom Depends Greatly Upon the Proper Location of Connections and the Placing of Switches

DONALD M. FORFAR, M. E.

THE electrical home, how often one hears the term. A home equipped with a system of wiring and electrical outlets arranged to provide for good lighting so that the greatest use may be made of the many time and labor saving, comfort bringing electrical appliances of the present day. Much of our leisure time is spent in the home, hence the very natural desire to make it as comfortable as possible. The subject of a proper and adequate electrical installation should therefore receive close attention from every home owner, architect and builder.

Now, just what constitutes a proper and adequate electrical installation? There are no hide-bound rules covering this question as each home presents its own particular problems. What might be considered proper for one abode would possibly be considered overdone or inadequate for another. Generally speaking, however, there are certain essentials common to all installations and it is only in the magnitude thereof that differences exist.

Grades of material used by contractors, such as wire, conduit connection boxes, cabinets, etc., and the manner of installation are all pretty well covered as to minimum requirements by the various local ordinances, which also provide for a certain amount of inspection work.

There is the question of the main lighting and switch outlets and their locations. A careful study of the house plans should be made and, preferably, in conjunction with someone more or less familiar with electrical layouts and house requirements. You will want certain of your lighting outlets controlled from more than one point so that a person may pass on through from, say, front to rear or up or down, lighting the way ahead and darkening the way behind without any retracing of steps. Also there will be occasions when brilliant lighting should be had in the main rooms as opposed to the more subdued effects generally desired. This flexibility can be obtained by proper grouping of outlets and switching arrangement.

RECEPTACLE outlets located at various points for convenient plugging in of portable lamps or other electrical devices should be provided for. These plug-in outlets have become known quite generally by the term "convenience outlet" and are referred to as such by electrical dealers. New electrical devices particularly adaptable to the home are constantly being put on

the market and a few extra "convenience outlets" scattered here and there will never cause regret.

Remember that the cost of adding extra outlets after building operations have ceased will be more than double what the cost would have been if added at the time the main electrical system was being installed. The solution is to provide plenty of receptacles of the wall, baseboard or floor types for the convenient location and connection of portable lamps and other electrical appliances.

Provisions should also be made for complete electric cooking. An electric range requires a heavy, special circuit and the conduit, at least, for this circuit should be installed at the time of building as it can be done then at much less expense than later. This permits the installation of the wiring proper at any convenient time.

WITH the electrical outlet and switch locations all fixed, the next step is the proper layout of the wiring system to these outlets. The maximum load or capacity, expressed in the electrical term "watts," which any one outlet may be called upon to serve, is either known definitely or is approximated. One or more outlets are then connected up together to form a circuit. A circuit is the electrical term for a wire loop that runs from a fuse cabinet or box to one or more outlets and thence back to the fuse box, proper side connections and loops being made from the outlets to their controlling switches as required. Ordinances in various sections of the country differ somewhat as to the maximum allowable watts per circuit, but the generally accepted value now used is 1000.

The circuits as initially laid out may be pretty well loaded up and hence the addition of extra outlets to a circuit after the wiring is in place may mean that the circuit will be overloaded with resultant annoyance due to fuse blowouts.

A main service cutout switch of the knife blade type and main fuses are provided generally in a separate cabinet and constitute the connecting link between the outside service wires and the fuse cabinet or box above mentioned.

In drawing up the electrical layout provision should be made for carrying telephone wires to point where telephone instrument will be located. This is generally accomplished by running a conduit from basement up point or points where the instruments are to be installed and there

terminate in outlet box with bushed wall plate ready for wiring installation by the telephone company.

Having decided on the locations of outlets and scheme of distribution for the various circuits, we come to the selection of the special devices such as fuse cabinet, switches, plug receptacles, etc.

First, with regard to the fuse cabinet. As hereinbefore stated, this is the point where all circuits start and terminate, where all fuses are located for protection of the circuits from overload, in fact, it is virtually the heart of the whole electrical system and is the point where we must look for trouble, whenever the supply of current fails in any portion of the house.

In the past the tendency for house systems has been to install the open type porcelain fuse blocks with open wiring, all placed within a steel cabinet. Costs had to be kept down and this type of installation was the best the average house could afford. In the home, however, where the women and children often find it necessary to look for and replace burnt-out fuses, the real need of some arrangement whereby maximum protection will be afforded at small cost has long been recognized. To meet this demand various electrical companies have placed upon the market small compact panel fuse boards all mounted for installation in steel cabinets and arranged such that fuses may be readily taken out and replaced without danger of the hand coming in contact with live parts, which would mean a shock and possibly a severe burn. This type of panel is known to the electrical trade as the "Safety" type and can now be installed at but little additional cost over the old porcelain block affair. These safety type panels may also be arranged with push button or tumble switch cutouts for each fused circuit, if so desired. The cost with separate switches is naturally greater, but in the writer's opinion it is a desirable addition from the standpoint of control, safety and convenience in finding blown fuses.

OF the switches for control of lights in the various rooms, there is the single pole, three way and four way types, all of which may be the push button pattern or the tumbler pattern. The tumbler pattern switch has during the past two or three years come into great favor due in part to its very neat appearance and in part to its ease of operation. A child reaching up to
(Continued on page 102)

FLOOR CLEANERS AND POLISHERS

*New Labor Saving Devices for the Modern House
Which Almost Effortlessly Perform Difficult Tasks*

ETHEL R. PEYSER

IT had to come—it was as inevitable as sunset! The floor machine that scrubs, waxes, sandpapers and polishes is born! And one of the greatest burdens of home management has been lifted.

The floor machine as it exists today is a device so unlike the suction cleaner as to forbid comparison. Yet it does for scrubbing and polishing what the cleaner does for sweeping and dusting. It saves the back and it saves the knees—and it takes the "chore" out of floor scrubbing—the most menial of the household processes. In other words it is responsible for eliminating the disease that Jerome K. Jerome likes to call "House-maid's Knee," for no longer is floor cleaning in a genuflexing media but is in the erect, standing-on-two-feet classification.

This is a tremendous gain in home economies and economics. It means again, as with the advent of each new piece of machinery, the elimination of another human servitor—or part (time) of one as is so customary today in this sparsely servanted era!

And so the floor machine caps the climax of the Domestic Industrial Revolution—the Revolution which has occurred in the home—by giving more of the menial work to skillful machines to do.

The floor cleaner and polisher, then, is a machine—at a distance looking somewhat like the suction cleaner—a bigger floor piece than the cleaner, a long handle, a wire for attachment to the electric convenience outlet and the tools, or brush attachments, one for scrubbing, another for refinishing, another for wax polishing, etc.

In the floor piece, which is round, is the motor, which can be bought for alternating or direct current. In it too are the brushes which are interchangeable and include those for scrubbing, polishing, scraping, as well as the pads for waxing.

In the floor piece of some polishing machines is the wax receptacle, while in others the wax must be applied to

the floor "by hand" as it were.

The "by hand" waxer is a lighter machine and is better adapted to home use although the lighter and heavier types need no pushing—only steering, as the brushes carry them along.

These polishers are all heavier than vacuum cleaners because it is necessary in scraping, polishing, waxing, to have pressure on the floor. But as they roll from room to room on small wheels the weight of the machines is not noticed.

Pressure and speed of

This floor machine, fitted with proper brushes, scrubs, waxes and polishes quickly, quietly and thoroughly



brushes are necessary, which translated: is elbow grease, or the effort which has made floor scrubbing a torture since the time floors were first scrubbed. So the polishers must be heavy to function well, and they do.

The efficacy of spreading wax on linoleum depends upon its penetration into the pores of the linoleum. To preserve the linoleum beautifully the wax *must* reach deeply into the pores. The floor machine can do this far more effectively than the human arm. And furthermore no excess wax is wasted to make the floor grimy and sticky and gather dust. It saves wax because it spreads it evenly, well and deeply.

To keep wood floors in a constant state of polish and beauty, the machine is without equal for swift work, thoroughness and for finesse.

This device is so built as to get into small spaces, between things, and under things,

(Continued on page 106)



The rotating brushes have a flare which makes it possible to clean and polish right up to the baseboard and in awkward corners



Gillies

The free-standing stair is one of the noblest of architectural efforts. It has been successfully placed in the house of J. H. Carstairs, Ardmore, Pa.; John Russell Pope, architect

Among the features of the hallway in this Massachusetts country house is the floor, laid out in an unusual and irregular lozenge pattern and giving diversity to this chaste interior



M. E. Hewitt

ELABORATE AND SIMPLE HALLWAYS

*For A Diversity
Of Houses*



Enclosed stairs are quite common in old country houses. They can be made further interesting by using the same wall treatment on the stair walls as is in the hallway. Decorations, by R. H. Macy & Co.



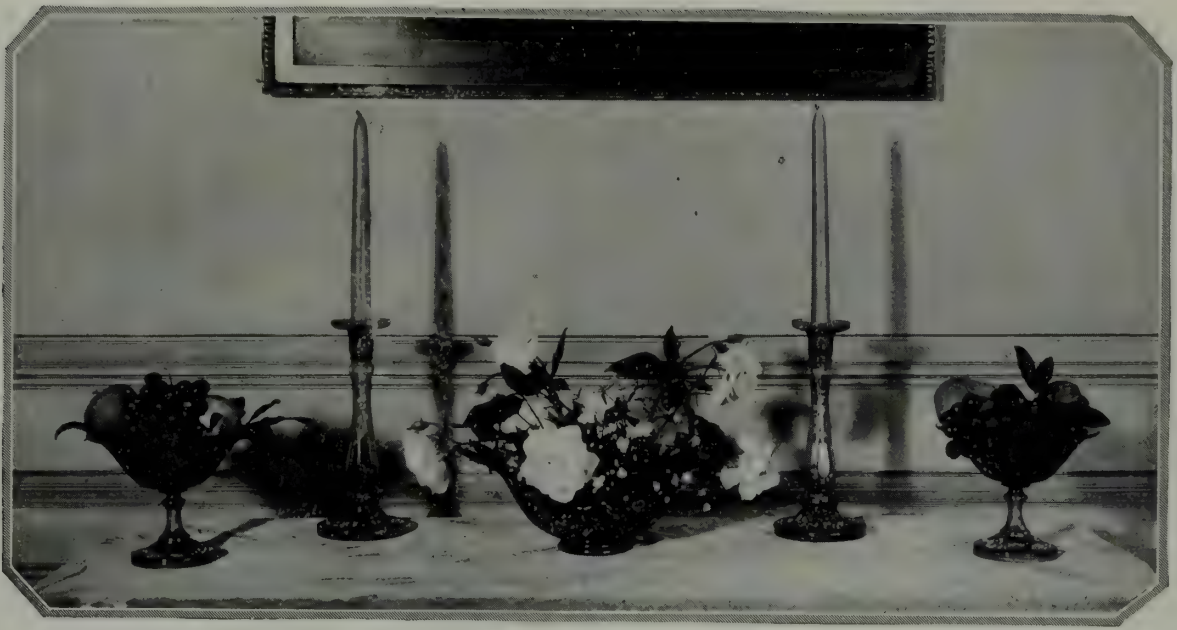
M. E. Hewitt

In the small house the employment of a dominant color, especially a pale one, in several rooms and in the main approach to them, gives a sense of space. This enlarging atmosphere has been gained here by painting the walls and woodwork and stairs a pale gray

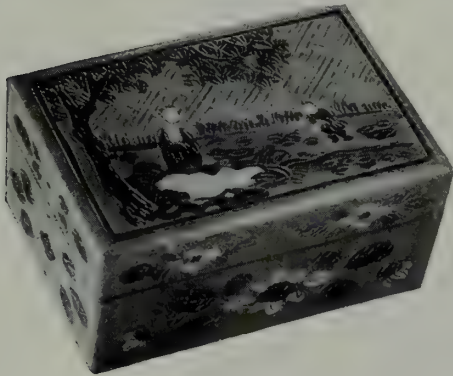


The entrance hall in the home of Mrs. A. L. Gates at Locust Valley, L. I. shows a circular stairs which is not free standing, since one side is attached to the wall. Its form, however, is pleasing and can be recommended for small houses. Walker & Gillette, architects

Another form of stairs is the type that is partially free standing. This example, from a house in London, shows the balusters on the farther side stopping when the curve reaches the wall, although the handrail is continued.



The Czecho-Slovakian glass above is a lovely powder blue color combined with clear crystal. The console set consisting of candlesticks, bowl and compots may be purchased for \$35.50



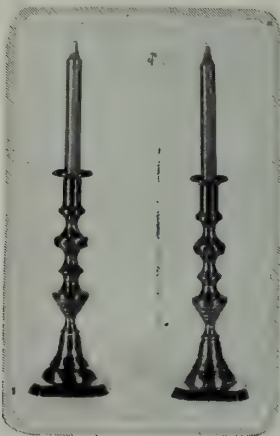
Above is an unusual red lacquer cigarette box with a quaint Chinese design in gold and black on the cover, and flower motifs on the sides. It is 5 inches long, \$5.25



This shade for a bridge lamp is made of black and gold polka dot paper decorated with an old map and bound in lacquer red, \$18.50. Iron lamp in red and gold, \$12.50



The commodious portfolio above is covered in marbled paper and decorated on one side with an old French print in colors. It is 16 inches long and 12 wide, \$5.25



For a living room, library or man's room comes an attractive pair of brass candlesticks in an interesting old English design. \$8.25 a pair. 11 inches high

An excellent copy of a Normandy chair with delicate, turned legs and decorative carving is walnut with a rush seat, \$45.25



The low bowl above in opaque jade or rose colored glass is \$3.25. 5 inches wide. Teakwood stand \$2.25. A twist optic glass vase for one flower may be had in green, amber or blue, \$2.75

The articles on these two pages may be purchased through the HOUSE & GARDEN Shopping Service, 19 West 44th Street, New York City. A slight service charge is included in the prices



At the left is an unusually effective lamp with a black marbled base and a pale green or peach colored parchment shade decorated with bias strips of Italian paper. \$26.75 complete. 18 inches high. The amber glass flower bowl, 4½ inches high, is \$3.75

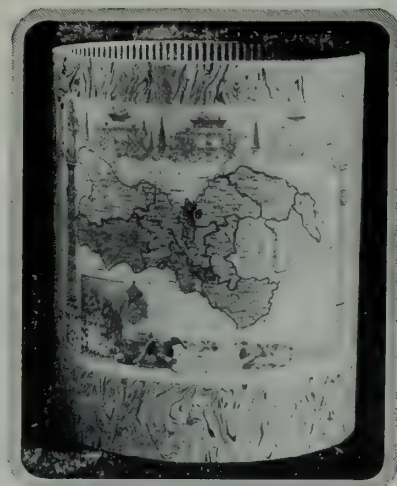
A leather desk set in blue, rose, tan or purple, with gold tooling, is \$20.50. Pottery vase in cream, green, turquoise, yellow or mauve, \$2.25. 7 inches high. Cream colored pottery jar with cover, \$7.25



The attractive scrap basket below is covered in marbled paper in delicate rose and blue tones, lined with paper like a peppermint stick and decorated on one side with an old, colored map, priced at \$14.50

SEEN IN THE SHOPS

Because of its interesting shape this glass vase would be effective on a mantel. It is 7 inches high and only two inches wide. It may be had in green or amber. The price is \$3.75



A box for shoes and stockings is covered in latticed or flowered glazed chintz, decorated with a colored flower print. It is lined with plain chintz. 14 inches square, \$17.50

The GARDENER'S CALENDAR for JANUARY



W. R. DYKES

The secretary of the Royal Horticulture Society and a widely known Iris author and fancier



Rev. WILLIAM EWBAK

A splendid figure of an English amateur gardener. A well known Tulip has been named for him

SUNDAY

This Calendar of the gardener's labors is designed as a reminder for his seasonal tasks. Though planned for the Middle States it should fit the whole country if for every hundred miles north or south garden operations be retarded or advanced five to seven days

4. Have you ever thought seriously of the advantages of an orchard? Don't reason that it takes too long to grow a productive orchard—if our forefathers had felt that way about it, we should be the losers. Start one this year.

11. Specimen trees of all kinds can be easily transplanted if they are cut out with fair-sized balls of earth and allowed to freeze before handling. This is a very safe method of handling subjects of this class.

18. Destroy all caterpillar nests on the trees. An asbestos torch is a good tool for the work, although one made of burlap and soaked in kerosene so as to burn will answer every practical requirement of use.

25. Why not get the manure carted into the garden while the ground is still frozen. This is sometimes left until spring, and then the paths and borders are torn up unnecessarily by the wagons and horses going back and forth.

MONDAY

5. The greenhouse plants must be sprayed frequently with a strong force of water to keep the red spider in check. This is one of our worst greenhouse pests if neglected, yet the easiest of all to keep under control.

12. The garden furniture should be painted while it is stored for the winter. All tools that are left out during the growing season should also be painted. This is much better than frequently buying new ones as replacements.

19. Seed sowing time will soon be here. Have you all the material ready—soil which has been screened, sand, stones or broken flower pots for drainage, moss, boxes, seed pans, label sticks, etc.? If not, better get them at once.

26. Pea brush, bean poles, etc., may be gathered any time now and stacked away for use at the proper time. Their butts should be properly pointed with an axe to save work later on in the season when time presses.

TUESDAY

I dream'd that as I wander'd by the way
Bare Winter suddenly
was changed to Spring,
And gentle odours led
my steps astray,
Mix'd with a sound of
waters murmuring.

SHELLEY

6. The soil in the growing beds in the greenhouse should be top-dressed with a mixture of equal parts of turfy loam and sheep manure. This should be scratched into surface with rake or claw, then thoroughly watered.

13. This is the logical time to plan a small fruit garden comprising blackberries, raspberries, currants, gooseberries, and strawberries. It may be located at one side of the garden or entirely separated.

20. What about the pergola you have been considering so long. You might as well order the arbor and vines at the same time, which means now. Bear in mind that goods may be scarce, and that orders are filled in turn.

27. Now is the time to order garden furnishings—a settee, an arched arbor, a sundial or urn. Somewhere on your grounds there is a point which can be made more attractive, more interesting by adding one of these.

WEDNESDAY

7. Make a blue-print of your garden and lay out the crops in proper rotation. A planting plan that has been well studied out will save time and space, and certainly increase the yield of the garden the coming season.

14. In case of severe freezing weather, don't fail to pile plenty of leaves on the vegetable trenches to protect them from the frost. Always keep tarpaper over the leaves, to keep out the water. If any gets in the frost will follow.

21. Why not buy some houses for the birds, those never-tiring friends of the gardener. Rustic ones are practical and ornamental, and there are other good styles. They should be put up before spring opens.

28. Rhubarb may be grown successfully under the benches in the greenhouse, or in the cellar of the dwelling. Lift good-sized clumps from the garden and plant them in light soil, keeping the tops dark until they develop.

THURSDAY

1. Nitrate of soda is one of the best plant invigorators that we have. It must not be used exclusively as it is not a balanced food; but to hasten growth and increase root action it is indispensable if used properly.

8. Do not postpone the ordering of your garden seeds—make the order out now. If you have made the proper garden notes this will be an easy task. Our advice to expert as well as beginner is to buy the best quality.

15. Trees that are covered with moss can be easily cleaned by scrubbing with wire brushes, or spraying with a light solution of caustic soda. Damp weather is the best time for the former method of treatment.

22. Do not scrape loose bark from trees with a scraper; it is impossible to get into all the crevices, and much live bark is removed in the operation. In this way more harm will be done than good will be the probable final result.

29. Preparation should be made to re-pot all exotic plants, as they will soon begin active growth. Use plenty of drainage in the bottom of the pot and have the soil so that it will not become sodden if over-watered by mistake.

FRIDAY

2. Start the year right by making an inventory of your garden supplies. Tools, fertilizers, seeds and other necessities should be listed and orders placed early where new ones are required. Be sure your list is complete.

9. Roses and carnations must be kept disbudded if you want high quality flowers. It is important that this be attended to when the buds are small, in order to conserve the strength of the plants and concentrate it in the blossoms.

16. The soil on top of the benches and pots in the greenhouse should be kept stirred constantly. Plants that are being forced suffer because of lack of air, the supply of which can be increased by cultivation.

23. All edged tools should be gone over and sharpened for the coming season. New handles should be placed in tools that require them, and the lawnmowers should be overhauled while you have ample time to do it right.

30. Why not order or build some forcing frames to help the garden along this season. You will be surprised to find how easily they can be constructed and how much better garden you will have by using them consistently.

SATURDAY

3. It is quite safe now to force any of the bulbous plants that have been buried long enough to have built up a substantial rooting system. Most of these bulbous plants call for low temperature and plenty of water.

10. The soil in the houseplant pots should be top-dressed with sheep manure or some of the regular plant foods that come for the purpose. And do not forget to sponge the foliage frequently with insecticide.

17. All hardy hard-wooded plants such as lilacs, wisteria, deutzia, etc., may now be brought into the warm greenhouse. Keep the wood well moistened by frequent sprays until the buds start to open along the stems.

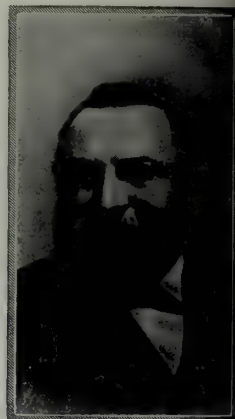
24. One of our finest salad vegetables is what we call chicory or French endive. From mature roots this plant is easily forced in any warm house cellar or under the benches in the greenhouse. It yields abundantly.

31. Cut branches of any of the early flowering shrubs such as pussy-willow, fire bush, golden bell, etc., will flower if placed in jars of water in a warm room. A little later, cherry and apple can be forced.



HUGH DICKSON

An English authority on the Rose, and a breeder and grower who has made a world wide reputation



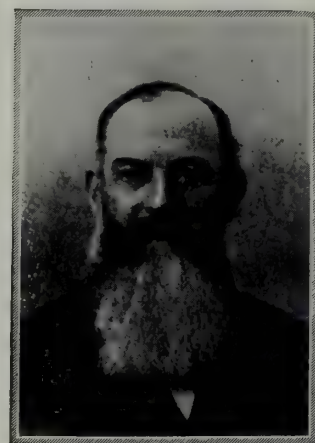
WILLIAM PAUL

An English Rose expert whose many well-known creations include the famous Scarlet Climber



ELLEN WILLMOTT

A great English horticulturist; an Iris authority after whom a familiar Iris has been named



SIR HARRY J. VEITCH

One of the most important of English nurserymen, whose name figures in many plant varieties

LEONHARD FUCHS

A famous German botanist of the 16th Century, and the author of De Historia Stirpium



Whitman's - Sold in Selected Stores

Whitman's Chocolates are not "sold everywhere."

We endeavor to serve the candy-loving public by establishing a sales agency in every neighborhood, but all these agencies are *selected* and each one is supplied *direct* with our candies—not through a middleman.

The Whitman agency is usually the leading drug store, because the drug store nowadays is one of the most progressive service stations of the public.

You may expect good service in every store that shows the sign of a Whitman sales agency. You may count upon receiving perfect chocolates there, in perfect condition. You may go into any Whitman agency, even in remote parts of the country, and buy candy with confidence.

The agent is authorized to give the broadest possible guarantee of satisfaction with every package of Whitman's he sells. Our printed guarantee covers every Whitman product.

It is in the interest of better candy in better condition that we confine the sale of Whitman's to one convenient store in every neighborhood. It is worth the while of any candy-lover to find that store and specify *Whitman's*.

Then at the critical moment, when the package is opened, it will prove your *good judgment* as well as your *good intentions*.

Whether you select The Sampler, The Fussy Package, The Pleasure Island, Salmagundi, or any other of the Quality Group, you may rest assured that your good taste is unquestionable.



Send for "Samplers Old and New" an illustrated booklet, sent with our compliments, telling of the revival of an art of olden times. With it we send a book "On Choosing Chocolates," with illustrations.

STEPHEN F. WHITMAN & SON, Inc., Philadelphia, U. S. A.
New York Chicago San Francisco



Crane's
Cordlinear

The designers of this beautiful paper have cleverly met the demand for a novelty without losing any of the distinction and good taste that have always characterized Crane's writing papers.

The smart cord effect, broken with perpendicular self-tone lines, gives the paper an unusual richness and character without interfering with its smooth writing surface.

EATON, CRANE & PIKE CO., 225 Fifth Ave., New York



To the Irish Wolfhound belongs a remarkable combination of great size, majestic power and splendidly reliable disposition

SOME DOGS FOR THE LARGE ESTATE

ROBERT S. LEMMON

LOOKING at the matter from a physical standpoint, the logical home for a really big dog is one whose proportions are commensurate with his own large size. Just as a magnificent Great Dane or a Borzoi cooped up in narrow quarters is one of life's pathetic pictures, so is that same canine giant in spacious surroundings a gloriously satisfying sight. It's just another case of fitting the reward to the performance, the peg to the hole, or any other appropriate simile that may occur to you.

That is the obvious side of the situation; when one considers its less apparent phases one finds that the size-for-size argument is still further strengthened. Before we go into a discussion of the specific breeds, it may be well to look more deeply into the situation as it affects them all more or less.

A large dog needs ample space if he is to enjoy that amount of exercise which is a requisite to good health and spirits. Whereas a terrier can work up a good glow of health (if dogs can be said to have glows of that sort!) by romping around the backyard or even by pursuing the cat among the intricacies of the living room furniture, something comparable to an acre or more is needful to induce a corresponding state of stimulation in a St. Bernard. You can keep the latter, or one of the other extremely large breeds, in the backyard home, but it isn't the place for him to be at his best.

And then there is the question of appearance. A very large dog looks best where a general sense of all-outdoors prevails. He is a fitting ornament to a good-sized estate, for there he is in proper scale with his environment. One need not be a great stickler for form to appreciate this.

Among the extremely large breeds the St. Bernard is one of the most impressive and, perhaps, the best known. His is an ancient race, associated for

many years with the Hospice of St. Bernard in the Alps and, in the mind of the world, with the rescue of travelers lost in the mountain passes. In connection with this traditional use of the St. Bernard, the following excerpt from the writings of Mr. W. O. Hughes-Hughes, a prominent English fancier of the breed in the late Eighties, is of interest:

"The position of the drifts is often altered by furious gales of wind which remove them from one spot and heap them up in another, that the most experienced of the monks cannot tell where it is safe to tread. In this emergency the instinct of the dog is infallible. On every winter morning one dog and one monk go down each side of the pass to escort to the Hospice the travellers who have been passing the night at the refuge below. The dog goes in front and the monk follows in its steps and is never led astray."

Is it any wonder that the St. Bernard is famously dependable as a friend and companion?

Of almost equal size and similar in steadfast devotion is that other shaggy giant, the Newfoundland. Not without good cause has he won his reputation for unswerving faithfulness and above all, for perfection as a children's guardian. He hails originally from the island of Newfoundland, and for many years enjoyed marked popularity far outside of his native home. It is gratifying to note that the unexplained lapse of public recognition which came his way in the last decade or so has not prevented several reliable kennels from perpetuating the breed for the Newfoundland is a splendid dog and should be retained.

Quite different in appearance is the Great Dane, a smooth-coated, mighty fellow of which anyone may well be proud. To his friends (and they are many) he is all that a dog could be—intelligent, loyal, superb in that big

(Continued on page 90)



FOR EVERY BED IN THE HOUSE

FINE — for the guest room that is your pride
STRONG — for the rough wear of the nursery

THEIR mothers and grandmothers have handed down such a tradition of the *fineness* of Wamsutta Percale that some women find it hard to realize how wonderfully it wears. The firm weave, smooth unwrinkled texture and pure white finish give a loveliness to Wamsutta Percale sheets and pillow cases that almost belies their strength.

Yet when Prof. Millard made his famous laundry test of 24 well-known brands of sheets, he proved that Wamsutta Percale at the end of 160 washings was stronger than any of the others. Beautiful and strong after the equivalent of six years' home use, Wamsutta Percale was ready for even more years of service.

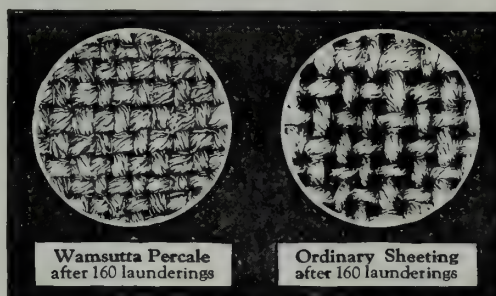
Wamsutta Percale is ideal for con-

tinuous use on all your beds. With the new Wamsutta Tape Selvedge adding further to their durability, these exquisite sheets are replacing expensive linen. They are lovelier than fine linen, yet cost considerably less; and not much more than ordinary cotton.

For the bride's hope-chest, for every gift occasion Wamsutta Percale is most appropriate—especially when embroidered or monogrammed. At the best stores in all sizes—plain, hemstitched or scalloped.

This is the month of white goods sales. Do not judge values by price alone—look for the Wamsutta Percale green and gold label—your guarantee of the finest quality. Wherever you see Wamsutta Percale advertised be sure to lay in a season's supply. You will save money by doing so.

The enlarged microscopic photographs below show how the finely woven texture of Wamsutta Percale is unharmed after the severe test of 160 launderings—while the texture of ordinary sheeting breaks down and separates.



WAMSUTTA MILLS, New Bedford, Mass. Founded 1846.
RIDLEY WATTS & CO., Selling Agents, 44 Leonard St., N.Y.

WAMSUTTA PERCALE

Sheets and Pillow Cases ~ The Finest of Cottons

WAMSUTTA MILLS ALSO MAKE WAMSUTTA NAINSOOK, LUSTERSHEER, LINGERIE, WAMSUTTA UNDERWEAR CLOTH, AND WAMSUTTA OXFORD

Reg. U.S. Pat. Off.

McCutcheon's Clearance Sale

Send for Catalogue!

Drastic Reductions

for January only!

This January Clearance Sale affords an opportunity to secure McCutcheon merchandise at the lowest possible prices. For McCutcheon's is getting ready to move to their new building at 49th Street and Fifth Avenue.

Stocks must be cleared so prices have been cut drastically. You get the benefit. And you'll probably never have another chance to get merchandise of this high standard at such great reductions.

Wherever you live, you can take advantage of these low prices for January only! Send for the Special Sale Catalogue today. Use the coupon below.

Exact illustrations, concise descriptions, each article specifically priced! Everything possible has been done to make shopping by mail easy from the pages of this Special Sale Catalogue. You can sit in your own easy chair and buy Linens from Ireland, France, Belgium, Switzerland, China—in fact, from every famous linen center of the world.

In addition, you can choose smart sportswear, dainty lingerie, exquisite laces, sweaters, handkerchiefs, children's dresses and many other things—and all at exceptionally low prices.

This Special Sale Catalogue is **Free**. Just fill in the coupon—

Your orders by mail receive as prompt and painstaking attention as though you were personally shopping over our counters. **Send for the Catalogue TODAY—right now!**

**Fill in Coupon
and mail
Today!**

JAMES McCUTCHEON & CO., 345 Fifth Avenue, New York City

Name

Address

Please send me a copy of your January Catalog No. 44.



Each side of the south drive has been curbed, sodded and planted to annuals and perennials. Flowers here relieve the grim walls of the execution chamber

THE GARDEN BETWEEN WALLS

(Continued from page 73)

Spruce trees purchased by generous friends from a nearby nurseryman, also Japanese Maples, Arbor Vitae, Magnolias, Chinese Thuya and Juniper, Swiss Mountain Pine, Norway Spruce, Retinispora, Douglas Firs and two hundred flowering shrubs.

The bulbs, so they say at Sing Sing, came as a direct answer to prayer. The chaplain was asked to pray for bulbs and forty-eight hours later a bulb importer on Long Island wrote that he was sending five hundred, another fifteen hundred, another two thousand, and so on in dizzy succession.

That winter the warden installed a greenhouse, built it against the walls of what had been the execution cham-

ber. A generous woman who was closing her estate sent enough plants to fill this, and friends and friends nurserymen added to its stock. The following spring the south gate area was planted to a big circular bed of Canna, and around the edge were French hybrid Lilacs sent by a generous nurseryman in Pennsylvania at the Superintendent of Highland Park in Rochester, and against the walls were planted about two hundred Dahlias.

Since there is no limit to dreaming this beginning bred another ambition—to take the central area between the new herbaceous border and the factories for a Rose garden. Again the

(Continued on page 94)



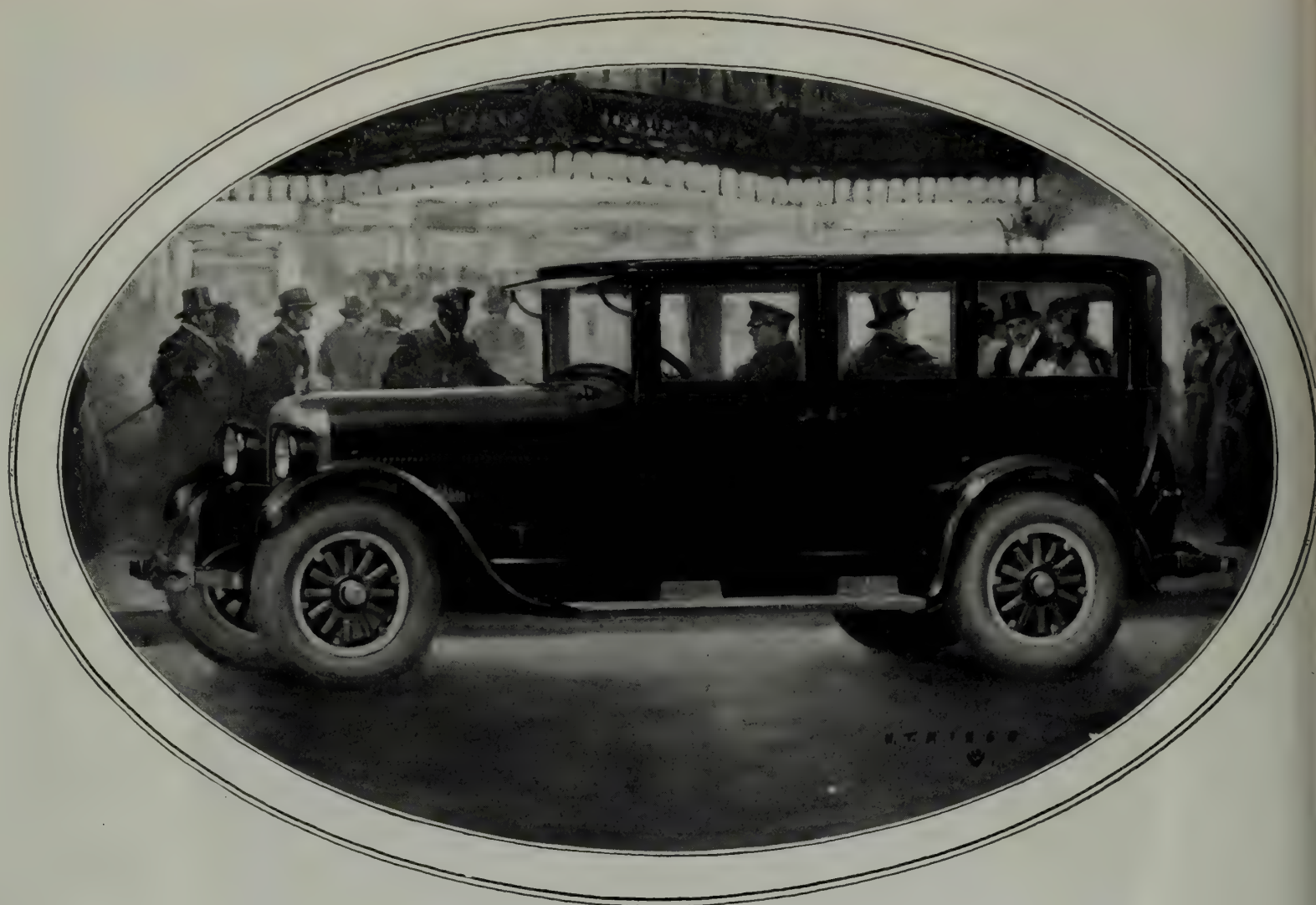
A glimpse of the south gate garden and the first of the greenhouses, built against the wall of the abandoned execution chamber



BLACK*STARR & FROST

*The Marquise a graceful form of
diamond cutting peculiarly adapted for a ring.*

JEWELERS FOR 115 YEARS
FIFTH AVENUE · CORNER 48TH STREET · NEW YORK



STUDEBAKER

STANDARD SIX

113-in. W.B. 50 H.P.

5-Pass. Duplex-Phaeton	\$1145
3-Pass. Duplex-Roadster	1125
3-Pass. Coupe-Roadster	1395
5-Pass. Coupe	1495
5-Pass. Sedan	1595
5-Pass. Berline	1650

4-wheel brakes, 4 disc wheels,
\$60 extra

SPECIAL SIX

120-in. W.B. 65 H.P.

5-Pass. Duplex-Phaeton	\$1495
3-Pass. Duplex-Roadster	1450
4-Pass. Victoria	2050
5-Pass. Sedan	2150
5-Pass. Berline	2225

4-wheel brakes, 5 disc wheels,
\$75 extra

BIG SIX

127-in. W.B. 75 H.P.

7-Pass. Duplex-Phaeton	\$1875
5-Pass. Coupe	2650
7-Pass. Sedan	2785
7-Pass. Berline	2860

4-wheel brakes, 5 disc wheels,
\$75 extra

*(All prices f. o. b. factories
and subject to change
without notice)*

DISTINGUISHED without being ostentatious, long lined and rakish without sacrificing the superlative in good taste; tremendously powerful, yet instantly alert to the slightest touch of accelerator or wheel, the new Studebaker Big Six Sedan embodies everything one can want in a motor car.

Every accessory bespeaks supreme luxury, every beautiful detail of finish and upholstery, every delicate blend of color and fitting expresses silently the wishes of the cultured. Nothing has been omitted, no smart touch forgotten—a car with the social background so immeasurably important in modern life.

There is no car, foreign or American, that surpasses it in beauty, comfort, performance, long life. Its price is low simply because of Studebaker's uniquely fortunate manufacturing facilities.

Extra balloon tire, tube, tire cover. Handsome nickel-plated bumper, front and rear. Lights controlled from switch on steering wheel. Automatic spark control eliminates spark lever. Motometer and winged radiator cap. One-piece windshield, glare-proof visor, automatic windshield cleaner, rear-view mirror. Heater. Dome and corner lights, extension lamp. Step pads. Kick plates. Gasoline gauge. Studebaker hydraulic four-wheel brakes optional equipment.

THE STUDEBAKER CORPORATION OF AMERICA • SOUTH BEND, INDIANA

T H I S I S A S T U D E B A K E R Y E A R



The Richardson Multicrome Roof in opal, as it would appear on the Model house built by The House Beautiful Publishing Company, in Boston

Note under the microscope how the long fibres of Richardson felt interlock to bind the Viskalt into an enduring weatherproof armor

The OPAL roof —another Richardson contribution toward more beautiful homes

You will find in this newest Richardson roof an exclusive new coloring—opal—to add still greater beauty to your home.

The opal roof is formed by a skillful blending on each shingle of the two most beautiful Richardson colors in slate, weathered brown and jade green.

Applied just as they come from the bundle, these new opal shingles give to your roof a coloring like that of sunlight filtered through dancing leaves on a fresh spring lawn.

Architects, home owners and builders who have seen this roof are enthusiastic over its coloring of distinctive beauty. And they agree that the opal color combination in Richardson Multicrome Roofs is a real contribution toward more beautiful homes.

The Richardson Multicrome Roof

This, however, is but one example of the beauty secured in the Richardson Multicrome Roof. Equally distinctive is the bronze mosaic coloring, formed in the same manner with weathered brown and tile red slate flakes. Many color effects are possible—one to please every taste. The rare weathered brown, for instance, is attractive when applied with other Richardson Shingles of jade green, tile red or black pearl.

The Multicrome Roof is built of Richardson Super-Giant Shingles, extra large, extra heavy—to give greater beauty, longer endurance. The high quality of its inner materials, too, assures lasting beauty for this roof. Its base is sturdy Richardson felt, for fifty years recognized as the best. And the waterproofing is Viskalt—unusually durable because 99.8% pure bitumen, especially vacuum-processed.

The Richardson Multicrome Roof represents the maximum roof value at a moderate price. It is economical to lay and equally good for new or over-the-old-roof jobs.

Prove the facts yourself

Go to your nearest dealer in lumber, hardware or building material and ask to see the color combinations in Richardson Multicrome Roofs. Also ask him to show you the reasons for their unusual endurance.

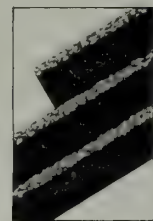
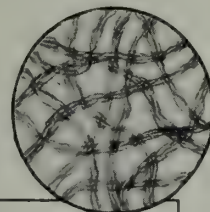
Meanwhile send for our beautiful new booklet, *Roofs of Distinction*, showing the exclusive color combinations of Richardson slate surfacing. Or ask for our booklet, *Roofing on the Farm*. Mail the coupon now.

The RICHARDSON COMPANY Lockland (Cincinnati) Ohio

Chicago
New Orleans

New York City (1008 Fisk Building)
Atlanta Dallas

The 50% greater thickness of this roof adds beauty of texture and years of endurance. Closely over-lapping slate flakes further protect the sturdy Viskalt-saturated base against weather and fire hazards



Richardson
Multicrome
Roof



Ordinary
Roof

[cross sections
equally enlarged]

Clip and mail this coupon

The Richardson Company
Dept. 38-A, Lockland, Ohio

Gentlemen: I am considering roofing for

(Type of building)

Please send me ☐ Roofs of Distinction
☐ Roofing on the Farm
(Check booklet wanted)

Name.....

Address.....

RICHARDSON ROOFING

DEALERS: There is a Richardson product for every roofing need. Perhaps you can secure the Richardson franchise for your territory. Write us.



CALIFORNIA PINES PAINT PERFECTLY

California White Pine and California Sugar Pine are woods endowed by Nature with physical characteristics that make them unusually well suited to paint treatment.

☛ California Pines are soft-textured and close even grained. Their use immediately eliminates the difficulties of hard layers or streaks, raised or wavy grain. They are readily dressed to a velvety, smooth surface, and assure a permanent, flat painted finish.

☛ These woods are practically free from pitch and resinous substances. This eliminates, at the outset, all dangers of discoloration from oils working through the paint or enamel.

☛ Properly seasoned, California Pines have a minimum tendency to warp, shrink or swell. This means they will "stay put"; seams and joints will not open up to leave unpainted strips exposed.

☛ California Pines are light in color. They do not "oppose" the paint. For this reason, any color scheme may be successfully applied with an economy of time and materials—especially the prevailing light tones for interior and exterior painting.

California WHITE & SUGAR PINE *Manufacturers Association*

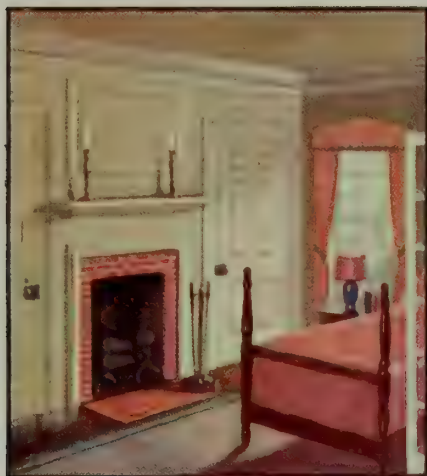
65 CALL BLDG., SAN FRANCISCO

Also producers of

CALIFORNIA WHITE FIR

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CALIFORNIA INCENSE CEDAR



CALIFORNIA WHITE PINE CALIFORNIA SUGAR PINE

A 200-year supply of these woods now stands in the region where our mills operate. Natural growth of standing timber, augmented by natural reproduction and reforestation, assures a supply of these valuable building woods for all time.



Exterior Uses: Siding and Trim, Porches, Columns, Entrance Doors, Frames and Sash, Pergolas, Trellis, Etc.



CALIFORNIA WHITE PINE CALIFORNIA SUGAR PINE

These woods are used more than any other wood for doors, sash, millwork and interior finish. Millions of doors and window sash and frames of California Pines are annually installed in the homes of America. Send for our free illustrated booklet, "Pine Homes."



Interior Uses: Panelling, Doors, French Doors, Finishing Woodwork, Moldings, Mantels, Bookcases, Built-in Closets, Etc.

California Pines for the exquisite panelling, staircase and trim of the Reception Hall.



VERA: "WHY DO YOU SUPPOSE MEN AVOID HER?"

FLOSS: "I CAN'T IMAGINE—SHE'S SO ATTRACTIVE
A GIRL, TOO."

【 Listerine used as a mouth wash quickly overcomes halitosis (unpleasant breath). 】



A Legacy of Loveliness

YOUR living room table—what a world of intimate activity revolves about it! An appreciated personal significance attaches to this table—an attachment that grows through the years.

So, in the selection of this all important furnishment, choose wisely and well!

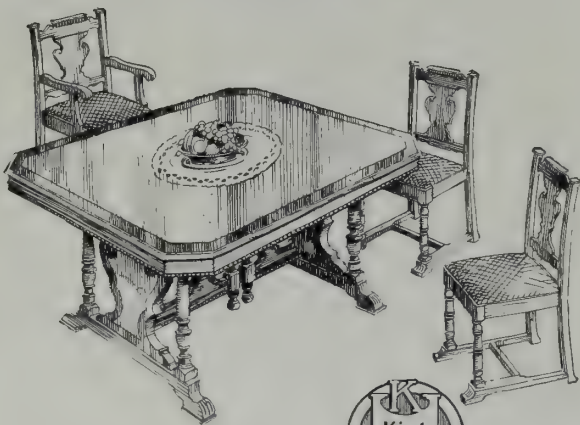
Consider Kiel Tables, with their rare artistry of design, their exquisite beauty of finish, and permanent construction. Sculptured in selected woods by master artisans who recreate with painstaking fidelity each subtle characteristic of the greatest furniture periods, Kiel Tables will bring to your home a rich legacy of enduring loveliness.

More than 4000 good furniture merchants display these superior tables at prices unusually moderate.

A handsome booklet "True Masterpieces", filled with suggestions on home furnishment and illustrated with interiors from a number of America's finest homes, will be sent on request.

THE KIEL FURNITURE COMPANY
DEPT. 2-E MILWAUKEE, WIS.

Kiel
TABLES



Kiel Dining Room Tables are superior in beauty of design and quality of construction. Ask your dealer to show them.



"Bloomfield Comet" is a bright pink that will climb to eight feet

A NEW RACE OF ROSE

(Continued from page 75)

has, nevertheless, demonstrated that an ever-blooming, hardy climber for the climate of the Middle Atlantic States and other districts of like cold extremes has been bred and will shortly be obtainable from nurserymen.

BLOOMFIELD ABUNDANCE. Extremely hardy. Blooms singly and in clusters. Dark to light salmon pink, fading to silvery salmon; small bud; medium sized flower; slight fragrance; lasts quite well; foliage almost perfect; growth up to five feet—continuous.

Recommended for Pacific Northwest; southern parts of Central East; Southern climates.

BLOOMFIELD CULMINATION. Extremely hardy; dark solid pink; single; of large size; foliage good; growth up to six feet on canes of current year; strong and upright; continuous.

Recommended for Central East and Southern zones, where its growth is more rampant.

BLOOMFIELD DAINTY. Hardy in Central East; bud orange yellow; sometimes smeared crimson; opens a solid canary yellow; single; averaging two inches in diameter; Pernetiana foliage immune to mildew, but lost in long growing seasons; growth up to

five feet. Blooms in Central East from June until September.

Recommended as hedge if planted in two rows in Central East.

BLOOMFIELD DECORATION. Hardy in Central East; blooms in clusters; single, color cerise pink with bright yellow stamens; foliage immune to disease, and holds through long growing seasons. Growth up to six feet in Central East, but much greater in Southern climates. Blooms from spring to frost in East, and even month in the year in California.

Recommended for Pacific Northwest, Central East and all Southern climates.

BLOOMFIELD DEFIANCE. Extreme hardy in Central East. Form as color of the flower much on the order of Cecile Brunner; blooms continuously in the Central East from spring to frost; growth up to eight feet blooming on old and new wood. Foliage immune to disease, and holds tenaciously. Not valuable in Southern zones as it fades in strong sunlight and is not to be compared in growth and bloom to Cecile Brunner, but valuable in the Central East, on account of its hardiness, and so recommended.

(Continued on page 100)



"Bloomfield Culmination," a hardy climber with solid dark pink flowers



A BROCATELLE of unusual weave with the ripe beauty of a time-mellowed antique

RICH with the traditions of two weaves—damask and brocatelle—this stately fabric presents its design in the manner of an old-time intaglio. Its blue and gold or green and gold tones gleam with a subdued richness out of a background in low relief.

From edge to edge the large motif repeats its beauty—a floral design of the XVII century, rich in considered detail and framed by the garland of acanthus leaves that sweep upward to surround it.

Here and there in the background, linen threads appear, as if laid bare by the mellowing of time and use—a witness to

the technical mastery that weaves even age into its web.

The soft metallic sheen of gold enriches the beauty of the fabric—it is rayon which has been subtly introduced in the new weave because it

does not tarnish as metal threads almost inevitably do.

We reproduce many other distinguished fabrics in the manner of the great decorative periods—tapestries, damasks, brocatelles, brocades, velvets and prints. Schumacher fabrics appropriate to any scheme of interior decoration, whether it be formal or informal, may be seen by arrangement with your own upholsterer or decorator, who will gladly attend to the purchase for you.

F. Schumacher & Co., Importers, Manufacturers and Distributors, to the trade only, of Decorative Drapery and Upholstery Fabrics. 60 West 40th Street, New York City. Offices also in Boston and Chicago and Philadelphia.

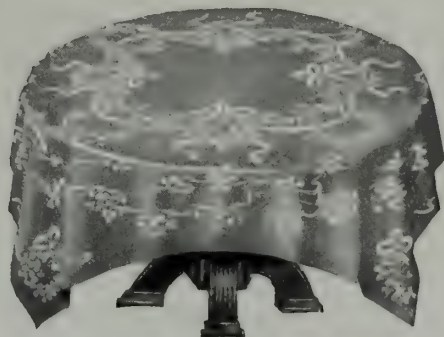


Woven with the dual loveliness of damask and brocatelle

F-SCHUMACHER & CO.

JANUARY VALUES IN QUALITY LINENS

The special discount prevailing during January on all McGibbon merchandise offers you a splendid opportunity for decided economy. Write for our new illustrated booklet No. 62.



The return to Damask Table Cloths and Napkins is most noteworthy. McGibbon Linens have achieved a reputation for highest quality in almost a century of service to the best families. Our selection is notably large and includes pieces for every household use in many attractive patterns.

Fine All Linen double Damask Cloths and Napkins. Various sizes and designs. Very unusual values. Shamrock design as illustrated.

Cloths—

2 x 2 yards Each, \$12.00
2 x 2½ yards Each, 15.00
2 x 3 yards Each, 16.50

Napkins to match—

22 x 22 inches.. Dozen, \$14.00
24 x 24 inches.. Dozen, 17.50

Less 10% January Discount

All Linen Towels

All Linen Hemstitched Huckaback Towels, with Damask borders, also with red or blue borders.

18 x 34 inches... Dozen, \$8.50

All Linen Typed Glass and Kitchen Towels.

22 x 33 inches... Dozen, \$7.50

All Linen Hemstitched Heavy Huckaback Towels, with Damask borders.

20 x 36 inches.. Dozen, \$12.50

Heavy Bleached Turkish Bath Towels, very absorbent, all white, specially priced.

Dozen, \$6.50 and \$10.00

Less 10% January Discount

Imported and Domestic Cotton Sheets and Pillow Cases

IMPORTED COTTON SHEETS

Hemstitched

Single Bed size Each, \$4.75
Double Bed size Each, 6.00
Pillow Cases Each, 1.25

Made expressly for McGibbon & Co.

WARREN SHEETS

Extra Value

72 x 108 Hemmed \$2.75
90 x 108 Hemmed 3.00
72 x 108 Hemstitched 3.00
90 x 108 Hemstitched 3.50

Made expressly for McGibbon & Co.

Less 10% January Discount

McGibbon & Co

3 West 37th Street - New York

NEAR FIFTH AVENUE



"Bloomfield Dainty" has orange yellow buds that open to a solid canary yellow

A NEW RACE OF ROSE

(Continued from page 98)

BLOOMFIELD DISCOVERY. Hardy in Central East; silver-pink bloom, deeper pink on outside of petals, copper pink bud. Diameter 3 inches; growth up to six feet.

Recommended for Central East.

BLOOMFIELD EXQUISITE. Not as hardy as balance of this class; in reality a Hybrid Tea Climber, with strong and constant climbing habit. The flower is a solid, light, clear pink, a trifle darker than the deepest shades of Caroline Testout. The bud is of nice spiral form. The open bloom is extremely double, and even when fully developed this rose is clothed to its center with petals. The perfume is of distinct loveliness; the color does not change, and the flower lasts well. The stem for cutting is often long. The greatest value of this variety is its lasting as a decorative climber. The foliage is quite resistant to mildew, and excels most Hybrid Tea Climbers in this respect. Continuous in bloom and giving a greater number than the average Hybrid Tea Climber.

Recommended for the East, with protection, the Pacific North-west and all Southern Districts.

BLOOMFIELD FASCINATION. Hardy in Central East. Double one and three-quarter inches in diameter; light yellow; good foliage; blooms until frost; growth up to five feet. In California the growth is up to fifteen feet; the foliage is held beautifully through a long season, and the variety might be called an ever-blooming Banksia.

Recommended for Southern climates as an ever-bloomer; also Central East and Pacific North-west.

BLOOMFIELD MAGIC. Hardy in Central East. Semi-double, buds salmon-pink; opens cream; growth up to six feet; blooms on old and new wood through October. Continuous.

Recommended for Central East.

BLOOMFIELD MYSTERY. Hardy in Central East. Silver-pink, with yellow tinge; single two inches in diameter; foliage good; growth up to six feet.

Recommended for Central East.

BLOOMFIELD PERFECTION. Hardy in Central East; blooms singly in clusters on old and new wood; pink with light orange shading, opening to a very double flower of large size than the balance of the double class, and of attractive form; not ball, open loose or fade, and perfume. The color of the bloom is salmon pink with a yellow glow, and as it ages the color in center often intensifies. The growth up to ten feet in California, with strong canes. Foliage mildew proof and holds tenaciously; blooms continuously, and may be used as a hedge as a single plant or as a climber.

Recommended for Central Pacific North-west and Southern climates.

BLOOMFIELD PERPETUAL. Extremely hardy; pure white; single, large size; mild fragrance. It grows in Central Zone up to five feet and blooms continuously from spring to frost; occasionally of a climbing habit. Foliage glossy; free from disease. Good for mass or hedges. Not as hardy as Altaica, but preferable where hardy on account of continuous blooming.

Recommended for Central East, for test in North.

BLOOMFIELD ROCKET. Absolutely hardy in Central East; single, large size; dark pink or light red; blooms from spring to frost; growth up to eight feet. Takes several years to become established, and then a dependable, hardy, ever-blooming climber. Laterals should be encouraged and growth cut back, otherwise too spindly.

Recommended for Central East, suggested for test in North.

BLOOMFIELD WANDERER. Hardy in Central East. Long orange and bud opening into a large single flower of the same shades. A decorative climber, which, on account of the stance of its petals, lasts well. Foliage is thick, impervious to disease and holds. Growth in California to 15 feet, and of sufficient growth.

(Continued on page 102)



The Mason & Hamlin
with the Ampico

ANOTHER GREAT PIANO CAN NOW OFFER YOU THE AMPICO

THE whole wide world of music will appreciate the significance of this announcement. The Mason & Hamlin, an instrument that has for years held a place of highest distinction among artists, professional musicians, and the more accomplished amateurs, may now be bought with the Ampico.

Only in these pianos

Hitherto the Ampico has been obtainable in the Knabe and the Chickering. The addition of the Ampico to the Mason & Hamlin means that now *three of the four* great pianos in general use on the American concert stage are equipped with the Ampico.

The Ampico is also found in five other pianos, instruments that have held recognition for generations as pianos of quality. They are: the Fischer, the Haines Bros., the Marshall & Wendell, the Franklin; and in Canada the Willis also. The Ampico, with its priceless endowment of the play-

ing of the greatest pianists, is limited to these pianos. All of them are fine enough to do justice to its music.

What is the Ampico?

The Ampico is the marvelous device that produces on the strings of your piano exactly those effects which were secured on another piano in our recording laboratory when a great artist sat before it and played.

The keys go down, the dampers rise and fall, the strings vibrate, each note sounds and stops or is sustained exactly as the artist who made the recording intended. Yet neither in the appearance of the piano nor in its action when it is played by hand is the presence of the Ampico suspected.

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A NEW RACE OF ROSE

(Continued from page 100)

for climbing purposes in Central East. Gives a large crop of blooms in its spring burst, and scattering flowers thereafter.

Recommended for Central East, Pacific North-west and Southern climates.

CASCADIA. Hardy in Central East; light pink bud; open flower flesh, shell pink center. Blooms through the entire season. Growth up to six feet in East; much larger in Pacific North-west, where the bloom comes in long clusters, most striking and novel. Won gold medal at City of Portland International Rose-Test Garden, 1922, scoring 96 per cent.

Recommended for Pacific North-west and for test elsewhere.

MRS. GEORGE C. THOMAS. Hardy in Central East. Semi-double, diameter 2½ inches; color salmon pink to orange center; blooms on old and new wood; growth up to eight feet in Philadelphia; continuous from June to November. This rose won the gold medal of the City of Portland, and also the gold medal of the American

Rose Society at the International Test Gardens, Portland, Oregon, in 1919. An ever-blooming climbing rose.

Recommended for Pacific North-west and the Central East. Folia lost in long growing seasons in the South. W. F. KENDRICK. (Original called "Bloomfield Endurance.") Extremely hardy. Silver-white, with peach-blush center; globular form, which opens to cup form; medium size; lasts well; slight fragrance. Very good foliage; fine growth and good stem. A hardy ever-blooming pillar or decorative rose of only fair value for cutting, but with fine lasting qualities. Won silver medal at International Test-Garden, at Portland in 1920, for second best rose for general outdoor cultivation, and first for best rose of same type, produced by an amateur. Gave one hundred and eighty-nine blooms during this test and scored 94 per cent. Balls in color dampness.

Recommended for southern districts Pacific North-west and Central East.

AN OUTLINE OF OUTLET

(Continued from page 80)

operate a push button switch may have considerable trouble in forcing the button in, whereas the tumbler switch is operated by a knock or pull.

Single pole switches are used to control lights from one point such as in a bath room, bed room or any small room where control from one point, usually adjacent to the entry door, is satisfactory. Three way switches are used to control lights from two points. The most common use for switches of this type is in the control of stairway lighting where it is desired to turn the lights off or on, as case may be, either at the bottom of the stairs or at the top. They are also used extensively in rooms having more than one point of entry such as living rooms, dining rooms, etc. A three way switch is placed at each separate entry and in this way it is possible to pass on through the house, lighting the way ahead and darkening the way behind, a very desirable feature. Four way switches are used in connection with three way switches so that lights may be controlled not only from the points where the three way switches are located, but also at any one or number of intermediate points as may be desired. Their chief use is in stairways where the lights all the way up and down are to be controlled at each floor level, such as basement floor, first floor, second floor, etc.

Plug receptacles or convenience outlets are made in many different styles and applicable to installation in floors, walls, baseboards, etc. They are all furnished in the dead front pattern, so called because there are no live

parts exposed. The standard plug receptacle is made in the single and duplex types, the duplex, as the name signifies, being arranged to accommodate two plugs at the same time. There are various combinations of plug receptacles with bull's eye indicating lamp, with cutout switch, with both lamp and switch, etc. The combination of receptacle with indicating bull's eye lamp is very desirable where any heating appliance, such as iron or cooking device, which does not show visibly when current is on, is used, as the light remains on as long as current is passing through the appliance. The addition of a switch to this combination allows the current to be turned on or off without pulling out the plug. There is also a combination of switch and bull's eye indicating lamp which may be used in cases where it is desirable to have some indication of whether certain out-of-way lights, which cannot be seen from the switching point, are burning. Basement lights, attic lights, porch lights, etc., are examples of this.

Install at some convenient point in basement a bell ringing type, low voltage transformer and wire up complete to electric service, to bells and to front and rear push buttons. Use different toned bells or bell and buzzer for easy distinction between front and rear signal.

It has been estimated that not less than three percent of the total cost of the house should be reserved to cover the electrical wiring installation and an additional three percent for the lighting fixtures.



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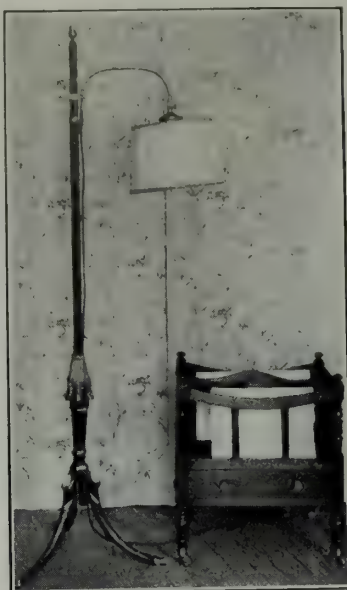


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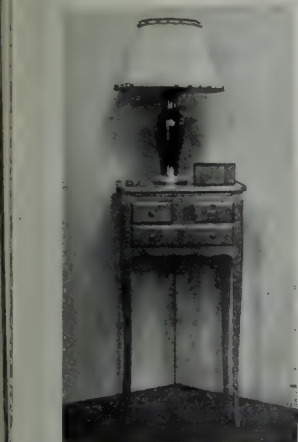


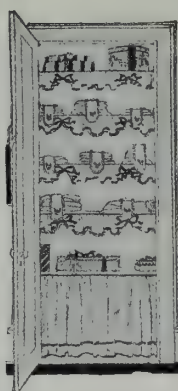
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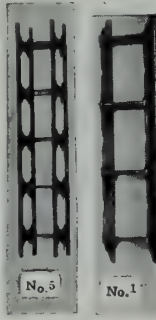


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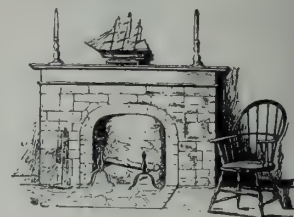
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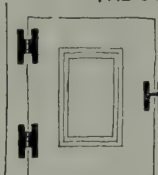


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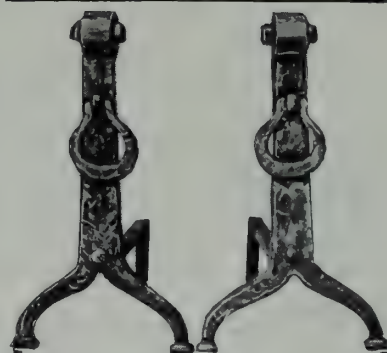
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The new easy way to wax floors and linoleum is with Johnson's Liquid Wax applied with a Johnson Wax Mop and polished with a Johnson Weighted Brush.

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- 1 Johnson's Book on Home Beautifying25

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"The Wood Finishing Authorities" (Canadian Factory: Brantford)

FLOOR CLEANERS AND POLISHERS

(Continued from page 81)

and if it "bunks" into your wood work, it is padded and therefore harmless.

Some of these machines are made to refinish floors, and they sandpaper very evenly. Imagine being able to scrape off the old places, without kneeling to do it and breaking the back for hours and hours!

There is no gainsaying that the floor is *the* thing in our homes. A poor floor maketh the home to reel; a fine floor makes the home "stand up."

If this story on the floor machine—the first to appear in any magazine—praises this device and makes it seem Utopian, wait! It may seem so now, but so did the first descriptions of the suction cleaner! People first thought they were good new fangled bits of fancy work, but as for buying them! Bah! "The good old broom would do!"

There is no reason in communities of small homes, where the chatelaine does her own work, that a floor machine couldn't be bought by a group of women and so obviate forever the need of floor scrubbing in the old messy, sloppy, wretchedly old-fashioned fatiguing way. Why not? We know groups that have the mowing machine and other things in this way and it works delightfully. If the lawn mower—why not other machines?

The floor machine can be used, too, for keeping a table top in condition—scraping and polishing it with thoroughness. This is a very useful function, as you will recall, and saves the necessity of expensive cabinet makers and of having to send the table away or do it yourself with more labor than it can be done with machinery.

With these machines comes a squeegee and a pan which are used when you scrub the floor or use the machine for anything that leaves a residue of scrapings, or water.

When you scrub with the machine, water necessarily will be spread about. Instead of getting down to mop this up, the rubber hoe pushes the water, as you steer it, into the pan which is built as a receiver. Then afterwards the pan is emptied!

At last the squeegee has come into the home. For ages men have used them, yet women, for some unknown reason, though the weaker sex, insist on doing things in the most heart-breaking way, to say nothing of body breaking and spirit lacerating!

Today domestic machines are *not* luxuries—they are necessities to make the maidless home livable and one's wife lovable.

There are more economies, Good

Housewife, in domestic relations money saving! The floor machine does any floor job in one-third the time of the hands-and-knees process. It is so because the weight (40 pounds) is centered over the scrubbing brushes couple with the wheel and do the trick—like no woman's hands could! And so here is economy of time and physical outlay of energy.

Another economy worthy of attention is the economy of ear strain—these machines are not noisy.

Then to fiscal consideration: the floor machine uses half the liquid wax needed and saves your floor easily and well because it's fun to use the machine and it's not labor to wax the floor—however extensive.

The cost in electric current is more than from 1-1½ to 2 cents an hour!

This article does not intend to take up floor care, but we must say here that the best way to care for a floor is to keep it waxed with the fine floor waxes now on the market. Oily preparations gum, oxidize and brown and are dirt traps and rug destroyers. Shellac is bad unless finished by a benign wax.

Wax brings out the beauty of the floor and when the floor is dull must never be scrubbed (a saving, but re-polished; and here enters the floor machine! Waxing a floor two or three times a year is enough—as a general rule—and an occasional polishing and re-waxing over used places must be done according to your time and discrimination. The floor machine in this place takes the burden of effort off your shoulders, knees and arms, and, as has been said, reduces the time of performance, too.

The machines referred to at the beginning of this article are a little heavier than 40 pounds and there are some from 60 pounds up. The heavier ones scrape and grind too and are usually sold for small hotels and large institutions, etc.

For the home, the scrubber, waxer and polisher is almost all that is absolutely necessary. Yet there are those who want the whole "works" and there is no reason why it cannot be had, for it awaits the happy purchaser.

And so if this machine is comparatively little known now it will soon be as prevalent in our homes as the suction cleaner. The irksome processes of home life are dishwashing, sweeping and polishing, and the greatest of these is polishing—long neglected and unconquerable—but now attacked surely and positively with the newer floor machines.



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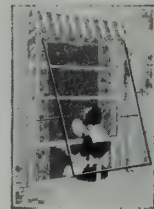
ALL METAL
WINDOW SCREENS



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Tells how to screen your home

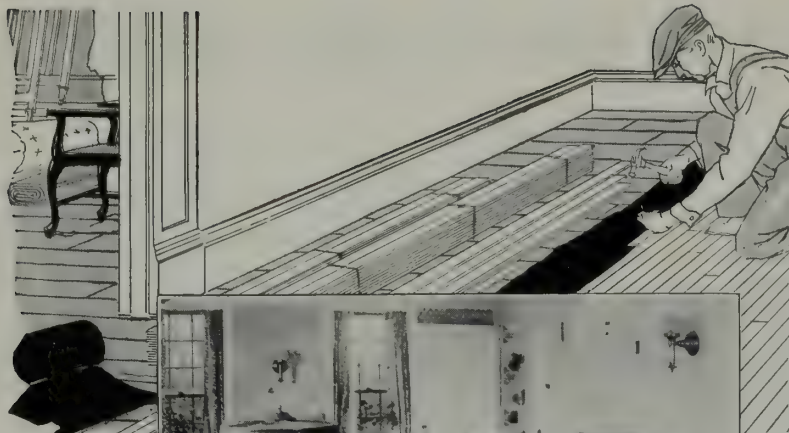
IT is trite to say that screens should be unobtrusive, fly-tight, mosquito-proof and durable. But the screening of a home to meet these requirements is a job for an expert. That is why Higgin All Metal Screens are always installed by Higgin service men, trained in every detail of screening the home, from measuring to fitting.



Send for your copy of the beautifully illustrated and informative book "Your Home Screened the Higgin Way." It will help you to decide how your home should be screened to keep out summer pests and insure the comfort and health of your family.

Copy of book sent promptly on request

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The work may be done one room at a time if desired, disturbing no woodwork, except the moulding at the baseboard.

CONSULT
AN
ARCHITECT
BEFORE
BUILDING



Modernize your Home

Lay 3/8-inch Oak Flooring over the old softwood floors, at little expense

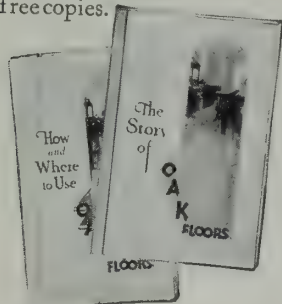
Centuries of growth have produced a toughness of fibre in oak that defies wear. Oak Flooring, Nature's own product, is not an artificial or temporary floor covering. It is permanent, and becomes more mellow, beautiful, and valuable with age. The characteristic grain and figure cannot be successfully imitated.

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Put your flooring problems up to our experts. We will gladly serve you.

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Please send me "THE STORY OF OAK FLOORS," and "How and Where to Use Oak Floors."

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Address.....

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"The Story of Oak Floors" 24 pages of valuable information for those about to build, or remodel, suggesting different grades for different rooms, various finishes, illustrated in color. With this "de luxe" book you will receive "How and Where to Use Oak Floors," a booklet of practical information on the proper care of oak floors.

THE ART OF THE TILE

(Continued from page 60)

countries in southern Asia and Europe, where the art of the tile first flourished, these lustred slabs were richly ornamented and brilliantly colored, and they were used to cover great surfaces on the inside and outside walls of buildings. Because of their use over broad areas the individual tiles could afford to carry (in fact it was quite necessary that they should carry) designs correspondingly generous in scale. Having been planned for such huge patterns the tiles which were used in this particular way, though they and their modern reproductions are perhaps the most beautiful which have come out of the Renaissance, are seldom ideally suited to incidental use in modern domestic architecture. They need settings of certain grandeur which they can get only in large buildings and on the exterior of houses in the Spanish style and in the gardens of those houses. However, the characteristic loveliness of these tiles is being preserved in reproductions, of American design, which simplify their intricacies and reduce their scale in such a way that these reproductions are perfectly appropriate for use in borders, panels and fireplaces in even small houses.

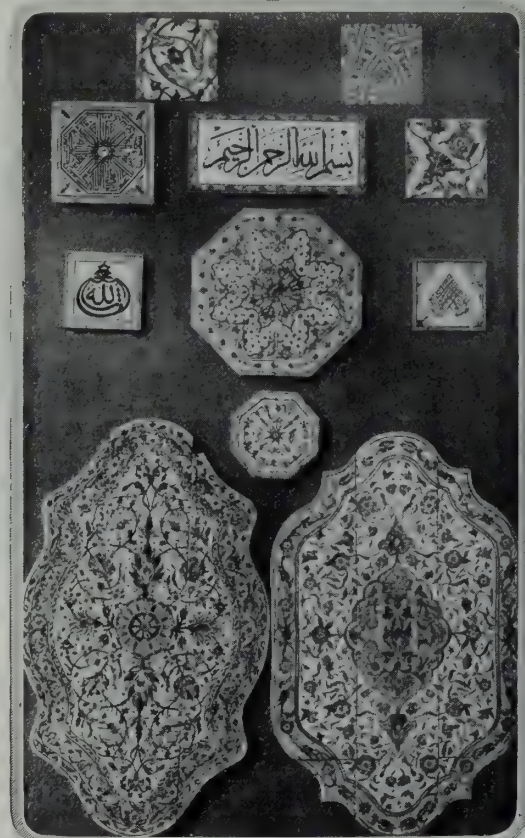
The use of tiles on the exterior of the house and in the garden will be dwelt upon in some subsequent issue of HOUSE & GARDEN; here there is space only to outline their possibilities indoors, from floor to frieze. Except in warm climates, the use of decorative tiles on floors holds the same disadvantages inherent in any stone-like surface: extreme hardness and a certain effect of coolness. In such semi-indoor rooms as sun porches they are perfect.

In bathrooms, but for other obvious reasons, they are perfect too. Here they are first of all a waterproof lining for the room, and they may be used on the walls from a wainscoting height to the ceiling; nor is there any need in bathrooms for a complete surfacing in the traditional stark whiteness. The beauty and relief of panels, molding baseboards and friezes of colored and polychrome tiles against the white made apparent in the examples shown on pages 60 and 61.

Fireplace faces offer a splendid opportunity for tile treatment. Here, in wall panels and overmantel decorations, tiles may be fitted into the spaces and make, with their individual patterns, the larger pattern of the panel or a definite design may be made for the particular shape of the space and this design transferred to tiles specially made for the purpose.

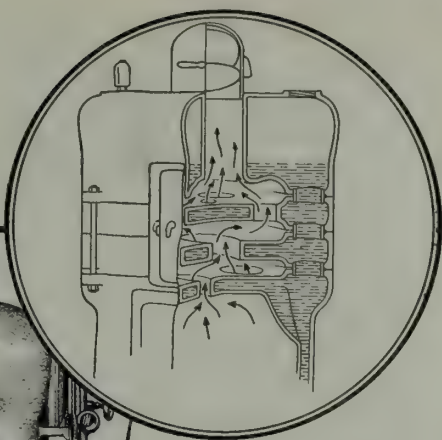
Door openings may be lined with tiles; "baseboards" may be done with specially molded tiles; window sills may be covered with them, friezes and cornices made; in fact, scarcely an architectural detail exists which cannot be carried out in tile, and carried out beautifully if it be remembered that there is such a thing as surfeit.

The era of ugly tiles is past. It passed with the era of ugly architecture. Of course, both still exist in plenty, but the beautiful in both is easily available. Reproductions of the best tiles of all periods and places, as well as modern tiles of extraordinary loveliness, are being made both here and abroad, and only an acquaintance with them is necessary to make apparent how important a part of our houses they may become.



The tiles with the inscriptions are Turkish; the larger octagonal panel is Arabic, and the two large panels below are reproductions of old Persian work. Courtesy of the Robert Rossman Co.

Diagram of cross section of boiler showing "staggered Fire Travel" and direction of smoke and gases



THATCHER ROUND BOILERS

For Economical and Reliable Service

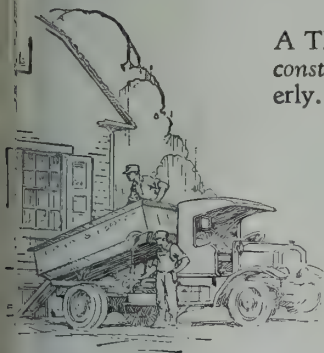
THATCHER Round Boilers are constructed of the highest quality materials. They are *economical* in coal consumption and have *conservative* rated capacities. The special "staggered fire travel" extracts practically every heat unit from each shovel-full of coal and utilizes the valuable hot gases and smoke before allowing them to escape up the chimney.

The easy and exact regulation of Thatcher Round Boilers means *consistent* heat. The delicately balanced "Butterfly" draft damper doors and the check draft damper in the smoke hood are adjusted to provide ample heat to every room in the house. The fire pot or body of the Thatcher Round Boiler is $1\frac{1}{2}$ inches deeper than the accepted standard.

All Thatcher Round Boilers are furnished with triangular revolving grates which crush and dispose of all clinkers.

A Thatcher Round Boiler *does not* require constant firing to keep it operating properly. Attention two or three times a day is all that is required. These boilers come in 5 series, in sizes built to meet the needs of every type of private dwelling.

Write for the new Thatcher booklet "Helpful Hints on Heating". It will prove a helpful guide in choosing your heating plant.



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"It's a joy to live with Good Hardware"

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You want Good Hardware—Corbin there. Dutiful hinges to swing cabinet and pantry doors with alertness. Cupboard catches and turns that serve without argument. Drawer pulls that cheerfully respond to hurried hands. Good Hardware is indeed a joy to live with.

Did you ever notice how many good buildings are equipped with Good Hardware—Corbin? Thousands upon thousands. Corbin designs and makes hardware to answer the specific requirements of every type of good building—houses, offices and public buildings, schools, churches, factories, stores. Their owners rely on Corbin.

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The American Hardware Corporation, Successor
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This reproduction of a rare old Georgian secretary is one of many Hastings occasional pieces which harmonize the fine traditions of the past with the requirements of modern homes



A Georgian Masterpiece for Your Home

With rare skill and artistry, Hastings has reproduced the stately old secretary desk for modern homes and apartments. The handsome Georgian reproduction above provides all of the commodious appointments of the original design, yet it fits compactly into small, modern wall-spaces.

In solid brown mahogany and in mahogany decorated with velvety fiddle maple fronts, the fine old craftsmanship has been carefully duplicated by Hastings woodworkers. And like all Hastings furniture, this splendid secretary is pleasantly moderate in price. Ask to see it at your dealer's.

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Direct all correspondence to the plant at Hastings.

HASTINGS

HASTINGS FURNITURE
The MARK of
FRED E. HILL
and his associates

Furniture



Mahonia repens is a dwarf carpet plant useful for rockeries. It has gray-green foliage, yellow flowers and black fruit

THE BEAUTY OF BARBERRIE

(Continued from page 76)

Be it therefore enacted by the Governor, Council and House of Representatives that whoever, whether community or private person, hath any Barberry bushes standing or growing in his or their land, within any of the towns of this province he or they shall cause the same to be extirpated or destroyed on or before the 13th of June, 1760."

Apparently this law like many others was not lived up to and the extirpation demanded was not carried out for the Common Barberry is today plentiful as a naturalized bush throughout Massachusetts where in the fall season especially it adds beauty to the countryside.

Probably the most widely known exotic shrub in this country is *Berberis Thunbergii*, a gift of the Arnold Arboretum to American gardens. This Barberry is native of the mountains of Japan where it was discovered and

sent to Petrograd Botanic Gardens a Russian botanist in 1864. So late as January, 1875, seeds were received from Petrograd by the Arnold Arboretum and a few years later plants were freely distributed. Hardiness, ease of culture and general usefulness has made it one of the most popular shrubs grown in this country. Some contend that it is much too commonly planted but none can deny its great utility. Given room, it makes a rounded mass from six to eight feet high and more in diameter. In spring the arching branches are strewn with hanging yellow blossoms and in the autumn with shining scarlet berries. The leaves in fall are various shades of orange and red to crimson and throughout the winter the fruit glow like jewels and it is no common sight to find them on bushes well into the following spring.

(Continued on page 114)



Quite distinctive is *Berberis dictyophylla* with white sucker-shoots and leaves white on the underside. This foliage turns red in the autumn

Leading Dealers Now Offer *Kirsch Curtain Rods* In Beautiful StippleTone Finish

Three ways to be
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Kirsch Rods

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"There is
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Your dealer has the new Kirsch Rods. They're the most beautiful window draping fixtures you've ever seen. The "Kirsch" StippleTone finish is rich and silk-like. Entirely new and different. More durable as well as more artistic.

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Look for—The 3-color box—The StippleTone finish—Name "Kirsch" on the rod.

KIRSCH MFG. CO. 24 Prospect Ave., STURGIS, MICH., U.S.A.

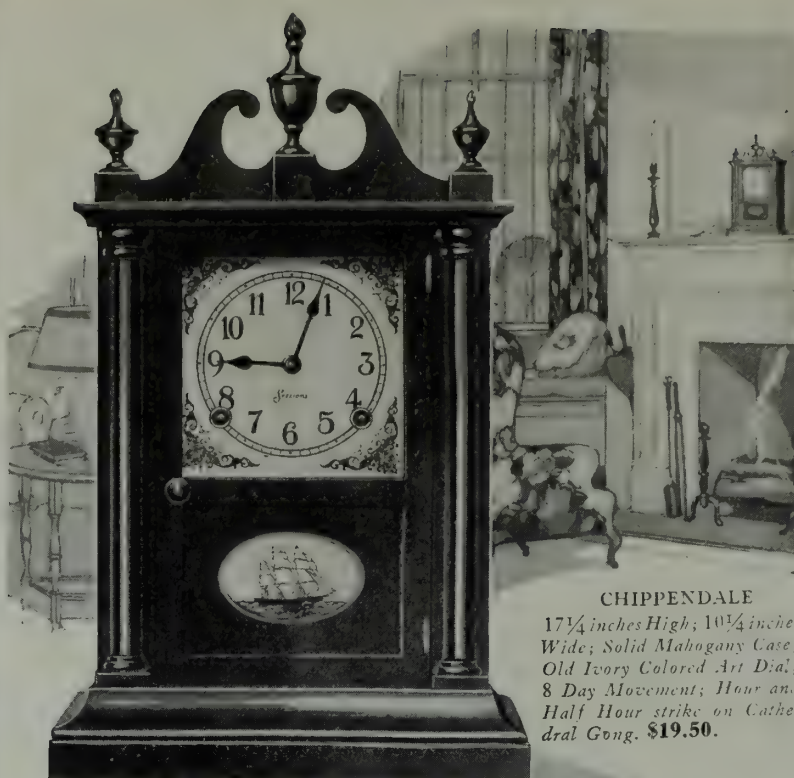
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32-page book packed with practical aid in window draping. Ideas for every room and every kind of window—single, double, triple, casement, bay, d shaped windows and doors, French doors, etc. 24 color schemes for living rooms, dining rooms, bed rooms, sun rooms, etc. Instructions for measuring windows, making valances, headings, etc.; how to sew on Kirsch hooks and rings; how to put up draw curtains Kirsch Rods. Our 9th annual book—a book of real service.

If the booklet doesn't give all needed help, write to Kirsch Interior Decoration Service Bureau.



CHIPPENDALE
17 1/4 inches High; 10 1/4 inches Wide; Solid Mahogany Case; Old Ivory Colored Art Dial; 8 Day Movement; Hour and Half Hour strike on Cathedral Gong. \$19.50.

An easy way to make a room more attractive

HAVE you ever come back to a house that has been closed? You raise the shades. The sun shines perhaps on the mantle clock. You set and wind it. It sounds the hour, and welcomes you with its friendly tick. Ah! You know you're home then.

A Sessions clock is often just the one touch that can add to the charm, convenience and "livableness" of a room. Suppose you put a Sessions Chippendale on the mantle or book case in your living room. Or hang a Sessions "Banjo" clock on that wall panel in your dining room. What an improvement it is!

The skill and craftsmanship of men who have devoted a lifetime to the perfection of design and construction of Sessions Clocks is instantly revealed in the splendid variety of unique patterns, of which the Chippendale and Concord, shown here, are but two examples.

Thorough mechanical workmanship and close inspection during generations of clock making assure you of a lifetime of service and satisfaction with your Sessions Clock.

It is unnecessary to pay more than the moderate Sessions' prices for Dependable Time.

You will find many styles of Sessions clocks at stores noted for their good values. Ask to see them.

THE SESSIONS CLOCK CO.

150 E. Main St., Forestville, Conn.

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CONCORD

13 inches High; 9 3/4 inches Wide; Solid Mahogany Case; Old Ivory Colored Art Dial; 8 Day Movement; Hour and Half Hour Strike on Cathedral Gong. \$13.50

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Sessions Clocks

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THE SESSIONS CLOCK CO.
150 E. Main St., Forestville, Conn.
Please send me Friendly Clock Book—let with interesting story of clock making and pictures and prices of thirty-two clocks and candlesticks, suitable for various rooms in my home.

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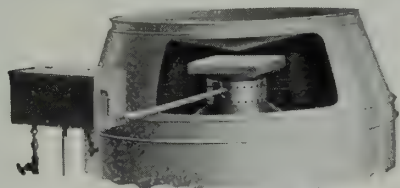
Furniture Does Not Dry Out with Kelsey Health Heat

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With Kelsey Health Heat your woodwork and furniture cannot dry out. The Kelsey Warm Air Generator furnishes you a constant supply of warm, fresh, *moist* air—automatically humidified—that keeps every bit of woodwork and every piece of furniture in its natural condition—no cracking or pulling apart because of dry heat. And the same air is as good for you and your family as it is for your furniture—no dryness to irritate throat and nostrils and bring on headaches and winter colds.

The Kelsey is an investment in healthful heating—it is built to last, like the house, and burns less coal than other systems. No radiators to take up valuable space.

"Kelsey Achievements" will tell you about the heat that doesn't dry. Ask us to send it to you.



A Special Moistening Attachment

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Locks & Hardware



Remember the part hardware plays . . .

BETWEEN the pleasant gesture of its portico and the actual welcome of your home will stand a door. And whether this will be harmonious with the whole, or merely a door, depends largely on the hardware you choose.

From Sargent Hardware of time-resisting brass or bronze you can select handles, knobs, escutcheons and fittings which best harmonize with your home *throughout*. Security will also be assured—built into the sure-acting, lasting mechanism of Sargent locks, probably the finest ever made for inner and outer doors.

Hardware is too important to leave to chance; too small a part of the total building cost to make "skimping" pay for the certain regret. Write for the Sargent Colonial Book and with your architect choose the best of hardware for all of your home.

SARGENT & COMPANY, Hardware Manufacturers
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SARGENT "520" DOOR CLOSER

This small door closer is one of the greatest conveniences used in the modern home. It closes doors that should be closed, silently and surely, and keeps them shut. Controls storm doors in winter, screen doors in summer, and the hall lavatory, back-stairs, cellar and refrigerator-room doors the year round. It is inexpensive and easily applied.



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LINCOLN MOTOR COMPANY
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The wallpaper design reproduced in this panel is one-eighth actual size.



CALL it what you will—solarium, sun parlor or built-in porch—by any name it is equally popular. It is really a bit of outdoors brought inside your home for all year round. And this should be kept in mind in the decoration of its walls.

The solarium is a sunny garden in your home. Its walls should be as joyous in their coloring as your flower garden is in June. Here, if anywhere, in your home you may be daring with your wallpaper.

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To sweet repast and calm repose."
—Thomas Gray.*



*Tide Water
Cypress
"The Wood Eternal"*

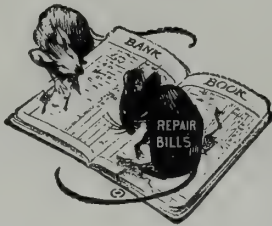
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PLANS
FREE

SECURE IN COMFORT
because

*"He who looks before he leaps
Builds of Cypress and builds for keeps.
"Cypress for every outdoor use
Scorns Weather's wear and Time's abuse.
"It DOESN'T ROT, nor twist, nor swell;
It lasts, and LASTS, and LASTS—so well."*

CUT THE BUDGET

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Roofs**

It is interesting to note the marked individuality which this rugged Tudor Stone roof imparts to this house.

Tudor Stone, a product of our Vermont slate quarries, is endowed by nature with a wide range of color tones, and a rugged, interesting texture. As each roof is especially designed by us, in conjunction with the architect, perfect harmony is assured.

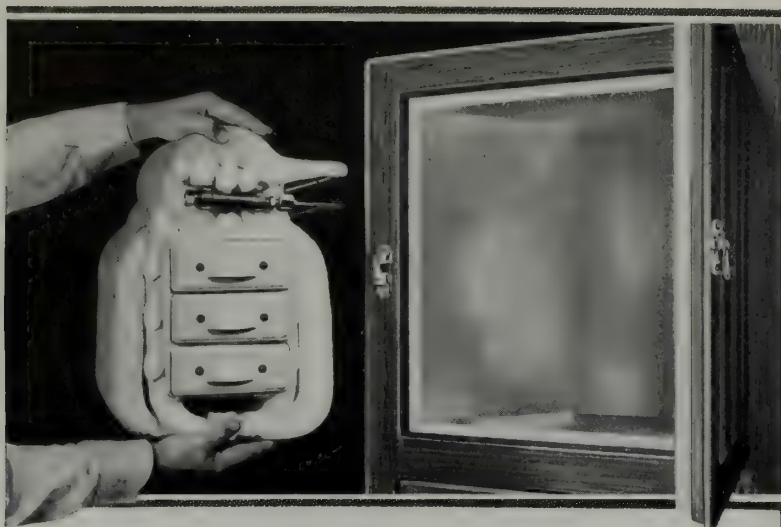
Our Architects' Service Department, under the personal direction of Mr. Walter McQuade, a practicing architect, will gladly co-operate with you and your architect in planning a Tudor Stone Roof.

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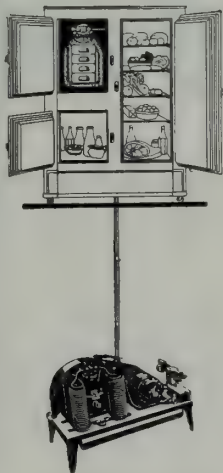
BOSTON PHILADELPHIA CHICAGO



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The Frigidaire Frost Coil never melts.

It is colder than ice. Frigidaire operates automatically from ordinary home electric current and provides a constantly low, dry temperature that scientists agree is most efficient for the proper preservation of food.



Here is pictured a Frigidaire Frost Coil installed in an ordinary refrigerator with the Frigidaire mechanism in the basement.

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In addition to providing better refrigeration without trouble, annoyance or inconvenience, Frigidaire makes sparkling cubes of clear, pure ice and delicious frozen deserts.

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PRODUCT OF GENERAL MOTORS

Frigidaire

Economical Electric Refrigeration

THE BEAUTY OF BARBERRII

(Continued from page 110)

mer—duller in color but still attractive. As a hedge-plant this Barberry ranks among the indispensables, being easily kept in shape, dense in habit and well-nigh impenetrable to man and beast, a good green all summer, brilliantly tinted in the fall and lit with lustrous berries throughout the winter.

But Thunberg's Barberry by no means holds a monopoly of the family's virtues. The genus itself is a large one widely spread through the northern hemisphere and along the Andes to the southern limits of 'South America. Fully one hundred species are known and probably two-thirds of this number are in cultivation. Many are favorites of several generations of garden lovers, others newcomers but little known to ordinary folk. Recent plant exploration work in the Orient which has so greatly enriched our outdoor gardens has brought a great many new Barberries to our knowledge. On my own travels I have gathered them in many lands from lonely Saghalien to the little-known regions of the Chino-Thibetan borderland; on the summit of lofty Mt. Morrison athwart the Tropic of Cancer in Formosa; on the Nilghiri Hills in southern India and on mountains which straddle the Equator in Central Africa. I have added about thirty new species to western gardens; some have little claim on the cultivator, others are acclaimed by experts.

THE LOVELIEST BARBERRY

The most beautiful of all Barberries is the hybrid *B. stenophylla* whose parents are two South American species named *B. Darwini* and *B. empetrifolia*. It is an impenetrable evergreen bush with slender interlacing stems densely clothed with narrow black-green shoots each a foot or more long which in spring are wreathed from end to end with rich golden-yellow flowers; in the autumn they are laden with globose berries which are covered with a bluish white waxy bloom. Unfortunately this Barberry is not hardy in New England but in milder climates it grows from eight to twelve feet high and more in diameter and a well grown bush is one of the loveliest of spring pictures. It is admirable in any position either as a bush on the lawn, as a covering for steep banks or as a hedge-plant, when it should be trimmed immediately after it has flowered.

Among deciduous Barberries I do not think any is more lovely than the common *B. vulgaris* whose main stems are erect and arching toward the ends. It is best when the stems are few for the hanging racemes of bright red berries are then most clearly seen. Closely akin to the Common Barberry is *B. amurensis* and its variety *japonica*. Both are very hardy, vigorous shrubs with bright green, prominently veined leaves which color well in the fall and hanging clusters of scarlet fruits. Of the typical *B. Thunbergii* enough has been said but mention must be made of the compact growing var. *Maximowiczii* and the dwarf var. *minor*, familiarly known as the Box Barberry; there is also a useful hybrid with twin-fruits named *B. ottawensis*.

A recent debutante of great charm and beauty is *B. vernae* which I covered some twenty years ago on Chino-Thibetan borderland. A great fountain some six feet high and two feet in diameter, this has long slender bright red branches covered with small, nearly entire leaves; in July the stems are strung with slender racemes of deep yellow flowers and in the autumn with almost translucent salmon-colored round fruits. It opens its blossoms late and in the fall the wealth of fruit weighs down the branches. This rather hides the foliage but on raising the stems the full glory of the bush is disclosed. The delicate salmon shade with the light reflected well into the berries produces a singularly pleasing effect. Of the many Barberries it has been my good fortune to discover and introduce *B. vernae* is my favorite among them that lose their leaves in the fall, and the hundred different kinds grown in the Arnold Arboretum not one such a graceful habit.

First of its group to blossom is *B. dielsiana*, a large broad shrub with erect and slightly arching branches drooping racemes of flowers and bright red fruits. Another excellent species also from China is *B. brachypoda*, with hanging racemes and characterized by its hairy shoots and leaves. The fruit is scarlet and ellipsoid shape.

Very distinct is *B. dictyophylla* with white sucker-shoots and leaves with white on the under side. It is of a loose regular habit and the contrast in color of white stems and red to crimson autumnal foliage is most attractive in the fall. The flowers nestle among the leaves and the bright red fruit is egg-shaped. Quite different is *B. diaphana* so dense and trim in habit with no shoot marring the symmetry of rounded form. It grows from three to five feet high and is twice as wide as it is high and has relatively large secondary flowers. No Barberry has richer crimson autumnal tints than this though its near relative *B. circumscissata* with scarlet hues is a good second.

A WILSON INTRODUCTION

One of the most charming new introductions from China is *B. wilsoni*, a low-growing species of elegant habit. The stems arch over and hug the ground and the plant is well-suited for banks and rockeries. The leaves, which are small, wedge-shaped and gray-green, assume brilliant tints in autumn which are annually shed in the autumn but in warmer climates they persist to spring. It produces its flowers in clusters among the leaves and the berries are roundish, coral or salmon-colored somewhat translucent and borne in abundance. Much to my regret this Barberry, which I named for my wife, is not properly hardy in Massachusetts. Closely related but of taller growth are *B. Stapfiana* and *B. subcaulis* characterized by their small gray-green leaves, abundant spines and clustered semi-translucent fruits.

The group of Barberries with evergreen foliage is extensive but unfortunately none is properly hardy in

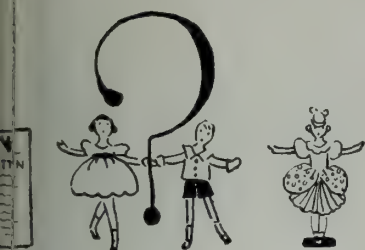
(Continued on page 116)

Do you know that Vogue has a little laughter, aged five years, and named

Do you know that it was planned by a group of Vogue's own editors, and is now carried on by them



That in addition to fashion all patterns it discusses all the other interests of children



Games . . . parties . . . toys . . . books . . . music . . . art . . . gardening . . . nursery decorations . . . scientific feeding . . . nurses' uniforms . . . education



CHILDREN'S VOGUE



Each Issue Contains

Children's Fashions from Paris houses famed as creators for children; modes from New York specialty shops; designs by Vogue's own experts; fabrics especially suitable for children's clothes.

Patterns—eight pages of the famous Children's Vogue patterns appear in every issue—four of them in full colour. The standard of fine pattern making and design; easy to use.

Food—Children's Vogue announces a series of articles on food and food values by Edith Barber, one of the best known nutrition experts in the country. Menus and recipes are included.

Music—a half dozen articles, beginning in the next issue, by such authorities as Mrs. Harriet Seymour, of the School of Re-Education; Miss Margaret Anderton, Associate Editor of *The Musician*, Virgil Thomson, of the Music Faculty at Harvard; George Gartland, Director of Music in the New York Public Schools.

Nature—a nature article in each issue. The first will be on Aquaria for Children, by Robert S. Lemmon, of House & Garden magazine; the second on Gardens for Children, by Richard Pratt, also of House & Garden.

Other Features: travel articles by Robert Mountsier; a children's party planned in each issue; a school forum for exchanging opinions between teachers and parents; decoration of nurseries and children's rooms; books for children; pictures and articles on art for children.

Published every other month . . .

35 cents a copy . . . \$2 a year

SPECIAL OFFER. TWO YEARS FOR \$3

That it is written to mothers, about their children's interests



That it is the only magazine of children's fashions in the world



SIGN . . TEAR OFF . . AND MAIL THE COUPON NOW

Children's Vogue, Greenwich, Conn.
Kindly enter my subscription to Children's Vogue. I enclose

- ☐ \$3 for two years.
☐ \$2 " one year.

Name

Street

City

State

Even real boys
enjoy washing hands and
faces at this lavatory



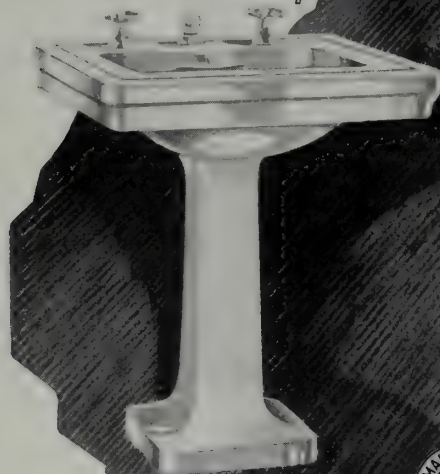
MOST folks, of all ages, prefer washing their hands in running water. The single concealed inlet of the Madbury lavatory provides a centered stream of water of any desired temperature.

A unique device permits automatic cleaning of the overflow drain. The large, square bowl has an anti-splash rim which protects one's garments and prevents slopping over.

As this lavatory is made of solid, white vitreous china, even to the last handle, there is no nickel work to require constant polishing.

You are invited to write for our booklet "Mad-dock Bathrooms." This booklet gives suggestions for placing different combinations of fixtures in spaces of various sizes and shapes.

The
Madbury



Why
vitreous
china

A vitreous china lavatory has this great advantage—it does not require constant scouring to keep the bowl clean. This is because the surface is hard and glassy. Soil does not cling to it. It does not become roughened by use. It never cracks nor crazes. Even acids will not stain it.

THOMAS MADDOCK'S SONS



COMPANY, Trenton, N.J.

MADDOCK
Bathroom Equipment

Your plumber knows the economy of quality fixtures

THE BEAUTY OF BARBERY

(Continued from page 114)

colder parts of America. The Californian climate is to their liking and a great many sorts grow splendidly in that state. A familiar hedge-plant on the Pacific slope is the South American *B. darwinii* with its spiny, dark glossy green, obovate, stalkless leaves. This Barberry is of dense habit, grows from six to twelve feet high, has reddish-brown shoots and drooping racemes of flowers and plum-colored fruits. It is in its greatest beauty in spring when laden with a profusion of golden blossoms but is also attractive in the fall when bearing a large crop of blue-black berries and occasionally a sprinkling of flowers. Another South American species suited to the south and regions west of the Rocky Mountains is *B. buxifolia*, with solitary, amber-yellow flowers and globose purple fruits. This is a bush up to twelve feet high of stiff habit and dark green leathery obovate to oblong leaves.

A HARDY EVERGREEN VARIETY

The hardiest of the evergreen Barberries is *B. julianae*, which makes a brave though scarcely successful fight against New England winters. It is a bush up to eight feet tall with rigid branches and tufted shining green leathery leaves, clustered yellow flowers and a bloomy black egg-shaped fruit. It was my good fortune to discover and introduce this plant into gardens in 1900 from central China. In England it was put in commerce under the erroneous name of *B. wallichiana* and later has been confused with the equally handsome but much less hardy *B. sargentiana*.

An unmistakable aristocrat is *B. verruculosa* with its warty shoots, glossy dark green Holly-like leaves, white on the under side. It is a low shrub from two to four feet high with overlapping branches and compact habit. On this account it is perfect for the rockery and for places where dwarf shrubs are needed. It is almost hardy in the Arnold Arboretum and is my favorite of the evergreen Barberries discovered and introduced by myself. A closely related species but easily distinguished by its perfectly smooth shoots is *B. candidula*, also from China and well worth a place in any garden where the climate is milder than in Massachusetts. Distinct in habit is *B. gagnepainii* with its clustered erect and arching stems and narrow dull green spiny foliage, clustered

flowers and blue-black egg-shaped fruit. It is very floriferous and to perfection in California and the British Isles.

On the Pacific Slope are many other fine evergreen Barberries including such as *B. sargentiana*, *B. levis*, *B. bergmanniae* and on this account may close with most *B. hakeoides*, remarkable for its fusion of blossoms. This is a species of rather ungainly habit, twelve feet tall with stalked obovate spiny leaves more or less round, very variable in size. The flowers borne in dense rounded clusters along the previous season's stems and the fruit is blue-black. This is of course tender but is well suited to the climate of California and warm states.

THE VARIOUS MAHONIA

The group of pinnate-leaved berries known as Mahonia is a diverse one but only a few species are in general cultivation. All are evergreen and none too hardy. The best and most useful is *M. aquifolium*, Oregon Grape, whose lustrous, leathery foliage and rich winter coloration won for it wide favoritism. Spurred by means of underground stems it soon makes a good cover. The stems grow from four feet tall and have terminal clusters of attractive yellow flowers which are followed by bulky bloomy black fruits. It does not grow far north as in and around Montana where a good winter covering prevails. Of equal hardiness is the dwarf *M. repens*, with gray foliage, similar flower and fruit, which is also a good carpet and useful plant for the rockery. More numerous but less hardy are *M. laevis* and *M. bealii*, natives of the Pacific Northwest with long thick leathery leaves on the under side. Both are well suited to the climate of California and warm regions.

A curious but very hardy one is *Mahoberberis nieubertii*, a hybrid between the Oregon Grape and the common Barberry. It is an upright, branching shrub from three to six feet high with rigid branches, full green leaves of variable shape. Its flowers, much less fruits, being decidedly mulish in these matters, but extreme hardiness this hybrid is a very useful plant for northern



The Culmination of Radio



The New
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MA-20

The Last Word in Radio

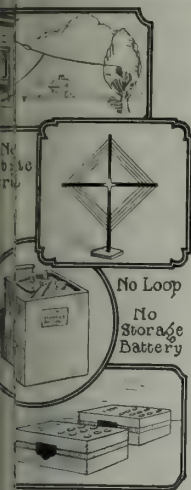
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JUST plug into the nearest lighting socket,
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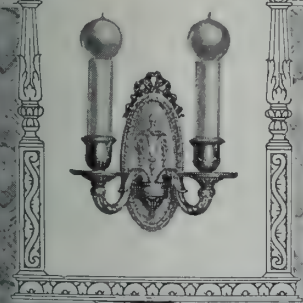
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"B" Batteries
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LIGHTOLIER designs
and manufactures its
fixtures to conform to
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ideals of beauty. In ad-
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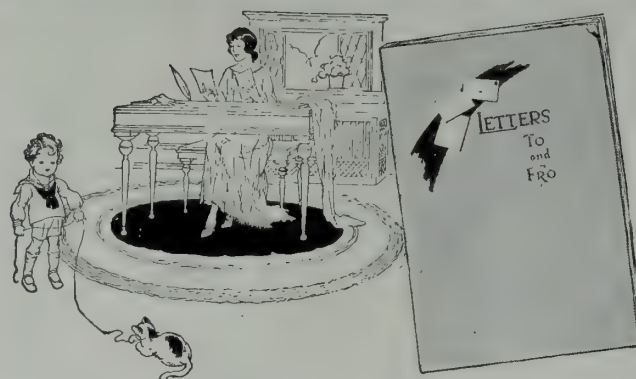
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Mantel. A very un-
usual statuary mar-
ble mantel of the
Georgian Period
taken from a house
in Grafton Street,
London. The heavy
moulded brackets are
of the Kent School of
about 1750. Price
\$850.*

A superb collection of antiques and fine replicas
in mantels, fire-sets, fenders and andirons is
to be found at the Wm. H. Jackson Company's
show-rooms in New York and Chicago. Since
1827 this Company has specialized in collecting,
creating and reproducing distinctive, unusual and
artistic designs in fireplaces and accessories.
Through their representatives abroad, there con-
tinually comes to them authentic pieces, many of
which are the work of early French, English and
Italian designers.

Correspondence is invited.

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Then Send For This Booklet

IT'S about heating.
Not any one system, but facts you want to know
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The facts are told in letters—real letters—that were
written by six different people, to two who were
planning to build.

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Burnham Boiler Corp. Irvington, N. Y.

McKINNEY HINGES

McKinney Hinges
harmonize
with other builders'
hardware including the
nationally advertised
products of
CORBIN
RUSSELL & ERWIN
SARGENT
YALE



*A door is but half protected
when the lock has been selected*

Hinges do more work for their size and cost than any other building material. To put them in place requires the services of the more skillful carpenter. Replacement is costly. But a home need be equipped with hardware but once in its life if it is well hinged at the start with McKinney Hinges.

When building, make your hardware selection early. It safeguards you against over-spending. If temporary substitutions become necessary, you can take care of them on less lasting fixtures.

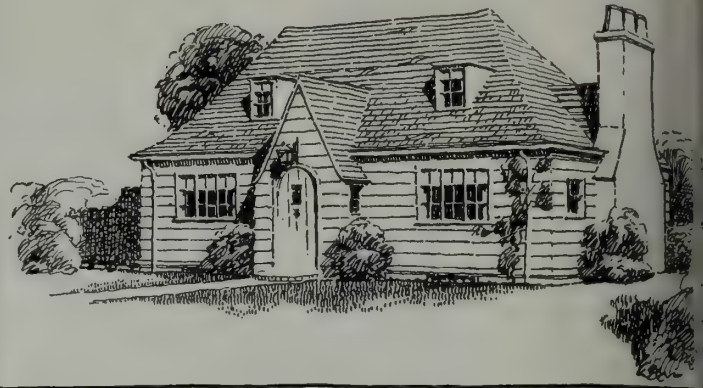
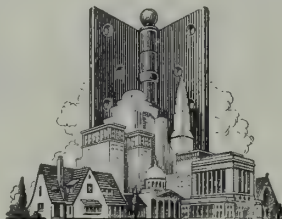
At the builders' hardware store you can select any type of lock, knowing that the finish and design can be matched perfectly with McKinney Hinges.

You can obtain McKinney Hinge quality in sundry hardware articles, including that for garage doors.

A Gift for Those About to Build

McKinney Forethought Plans consist of little cutouts of your furniture made in proportion to your plans. With them you can arrange and rearrange your furniture right on the blue prints until you are certain the wall space, fixtures, doors and base plugs are as you want them. To aid in your home building McKinney will gladly send a set of these plans. Just write.

McKINNEY MANUFACTURING CO.
PITTSBURGH, PA.



COLORS TO PAINT THE HOUSE

(Continued from page 64)

brought to the right shade for the front. In the following specifications, it is of course, impossible to convey the true concept of all the shades indicated by printed word, and in following combination, the home owner be guided by his inherent sense of what is appropriate.

COTTAGE TYPE

Body	Silver Gray	Body	Red
Roof	Red-Brown	Roof	Red
Cornice, Corner Boards, Etc.....	Ivory	Cornice, Corner Boards, Etc.....	Red
Sash	Ivory	Sash	Red
Front Door	Ivory	Front Door	Red
Body	White	Body	Colonial
Roof	Moss Green	Roof	Moss
Cornice, Corner Boards, Etc.....	White	Cornice, Corner Boards, Etc.....	Moss
Sash	White	Sash	Bottle
Blinds	Moss Green	Front Door	Bottle

THE MONGREL AMERICAN

Body	Colonial Yellow	Body	Rich Dark
Cornice, Corner Boards, Etc.....	Ivory	Cornice, Corner Boards, Etc.....	Rich Dark
Roof	Weathered Brown	Roof	Weathered
Other Shingled Surfaces.....	Ivy Green	Other Shingled Surfaces.....	Weathered
Sash	Bottle Green	Sash	Weathered
Body	Pearl Gray	Body	Weathered
Cornice, Cornice Boards, Etc.....	White	Cornice, Cornice Boards, Etc.....	Weathered
Roof	Weathered Brown	Roof	Weathered
Other Shingled Surfaces.....	Moss Green	Other Shingled Surfaces.....	Weathered
Sash	Black	Sash	Weathered

(Continued on page 122)





Dean's

Helps You Say Goodbye

There is no better way of saying Godspeed to a departing friend than by sending a Bon Voyage Box from Dean's. The selection and packing of the cakes, candies and other delicacies is made an art at Dean's, and the prices are as varied as the good things in the boxes.

Send for our Bon Voyage Box Booklet describing the 38 styles—\$2.75 to \$40. You merely select your box. We attend to everything.

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aims at a constant freshness while maintaining the traditions of an art as old as time. Interesting exhibits of our work may be seen at the exclusive Rookwood agency in your locality. We invite your inquiries.

THE ROOKWOOD POTTERY COMPANY
Rookwood Place, Cincinnati, Ohio



Write for this attractive booklet describing several interesting Ottawa productions. Kindly mention your dealer's name.



In this striking dining suite, Ottawa has skillfully adapted the spirit of Spanish design to the requirements of the modern home. The soft, lustrous finish in French or dark walnut, fine carved decorations and onlays of walnut burl typify the distinguished design and careful workmanship which characterize every Ottawa production. Ask to see this moderately priced suite at your dealer's.

OTTAWA FURNITURE COMPANY
Holland, Michigan

Wholesale Display, Manufacturer's Bldg.
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OTTAWA *Dining*
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REPRODUCTION OF AN OLD COLONIAL HALL LANTERN IN BRASS FINISH.

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Designers and Manufacturers of Lighting Fixtures
Since 1867

101 PARK AVENUE AT FORTIETH STREET
NEW YORK CITY



Vogue Shows You What AND HOW

VERY few smart dresses look smart unless they're worn by smart women, smartly. Vogue shows you not only what to wear, but how to wear it, and with what accessories. Every sketch can be studied through a fashion microscope, because every detail of it is correct.

If you saw January 1st Vogue, you saw the sketch to the left reproduced editorially. You were told that the material of the coat was fine brown ottoman—of the dress, brown georgette with ottoman bands. The chic of the short tunic was pointed out, the reproducing of the four flat bows three times on coat and dress. There wasn't room to go into detail much further. But—you can do it **for** yourself.

Notice the length of the skirt, and that the coat just covers it. Notice the width of the band at the low waist-line—the cut of the collar and that it is left free to turn back—the fact that the tucks on the coat are placed upward, not downward—that the back has the opening seen on so many new coats—that the little felt hat just matches—that the shoes are pumps. The beads would be gold, or amber, or large pearls with earrings to accord. The two rings are as simple as they are important. Notice the coiffure, the pose. . . . *Every one of these things contributes to the effect. . . .*

Are you giving your fashion sense the advantage of examining such sketches every two weeks—are you looking right into Paris for yourself? If not—use the coupon to enroll for the course!

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Sign---tear off---and mail the coupon now

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J38. Pure Linen Double Damask Satin Band Hemstitched Tea Cloths and Napkins with hand embroidered monogram.

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These Tea Cloths and Napkins can be furnished without monograms. Prices on request.

Sale Catalogue illustrating Household Linens and Handkerchiefs now ready. Please write for List B.

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of Particularly Pleasing Lines, in Walnut.
The proportions of this Seat Make it Adaptable for Use in Practically Any Room.

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One of the very many fine Luminiers suitable for dining room illumination. Hundreds on display in our show-room.

Savo Moistener, in three sizes; 12½" x 9", \$2.50; 8" x 14", \$2.50; 12½" x 14", \$3.

For your health's sake

THE DRY AIR of heated rooms seeks moisture everywhere—in the glue in the furniture, in sensitive human membranes. It cracks woodwork, kills plants and makes you subject to colds.

So fill the Savo Moistener with water. Hang it on the back of the radiator—out of sight. The heated air absorbs the moisture it needs and becomes fit to breathe.

That's half. The rest is fresh air. This Window Ventilator lets it in—without draft or dust, snow or rain.

Window Ventilator, washable cotton, black enameled frame. Four sizes, opened full: 11" x 30", 75c; 11" x 47", 90c; 16" x 39", \$1.10; 16" x 47", \$1.20.

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LEWIS & CONGER
45th St. & 6th Ave.
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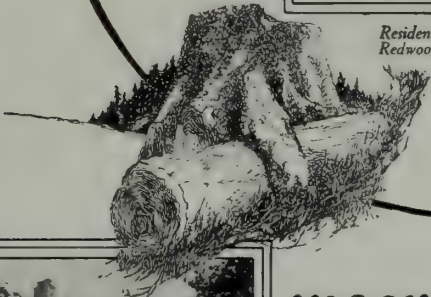
Send me, collect: ☐ Savo Moistener, size.....
☐ Window Ventilator, size.....
☐ Also free booklet, "Modern Home Equipment." Check in front of items desired.

Name.....
Address.....

Why building with Redwood



Residence at Plainfield, N. J.
Redwood siding painted white



Residence at Des Moines, Ia.
Redwood Colonial siding painted white

means building for permanence

THIS Redwood tree trunk was recently uncovered under the roots of an old spruce tree whose annular rings showed its age to be 600 years. But in spite of six centuries' burial in moist ground the Redwood was sound and free from decay or wormholes. It was sent to the mill and sawn into good lumber.

The same natural preservative which protected this fallen Redwood from decay, protects every bit of Redwood lumber and millwork. "Technical Note No. 173", recently issued by the U. S. Forest Products Laboratory, a government institution, assigns Redwood the highest total rating of any commercial wood on durability, lack of shrinkage, strength as a beam or post, ease of glueing, workability and ability to "stay put".

Grade for grade Redwood costs but little more than woods that cannot compare with it for permanence. It is therefore real economy to specify Redwood for exterior finish, siding, shingles, door, window and cellar frames, foundation timbers, mudsills, mouldings, lattice, pergolas, garden furniture and greenhouses.

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LOS ANGELES
Central Building
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THE LARGEST MANUFACTURERS AND DISTRIBUTORS OF CALIFORNIA REDWOOD



COLORS TO PAINT THE HOUSE

(Continued from page 118)

BUNGALOW TYPE

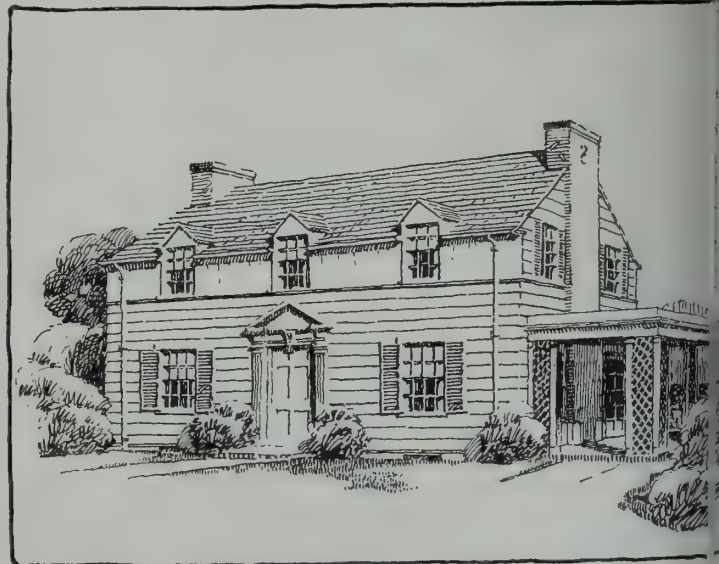
Body	Seal Brown	Body	Seal Brown
Roof	Venetian Red	Roof	Red
Cornice, Corner Boards, Etc.	White (or Ivory)	Cornice, Corner Boards, Etc.	Red
Sash	White (or Ivory)	Sash	Silver
Body	Ivory	Body	Silver
Roof	Weathered Brown	Roof	Moss
Cornice, Corner Boards, Etc.	Sage Green	Cornice, Corner Boards, Etc.	Silver
Sash	Sage Green	Sash	Moss

THE COLONIAL TYPE

Body	Colonial Yellow	Sash	Bottle
Roof	Red-Brown	Front Door	Brown
Cornice, Corner Boards, Etc.	White	Body	Weathered
Sash	White	Roof	Weathered
Front Door	White Enamel	Cornice, Corner Boards, Etc.	Silver
Body	Colonial Yellow	Sash	Moss
Roof	Moss Green	Blinds	Moss
Cornice, Corner Boards, Etc.	Ivory	Front Door	Weathered

The colors suggested for roofing will, of course, apply whether the roof is of cedar shingle or the various types of composition and asbestos roofing now coming into extensive use. The beautiful mottled and vari-toned

effects now available will be appropriate where the key color is indicated in these suggestions. If natural slate roofs are used, of course, no alternative as to color.



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with slippery floors



Wax your
Floors with
SLIPRUF!

Applied like any wax SLIPRUF provides lustre plus safety. Dad won't take a header. The old folks and the children will not walk in constant danger of serious accidents. Rugs will stay where they are placed. SLIPRUF goes on easily and gives a deep, rich, long wearing polish not marred by sliding and scuffing. And the surface will be as safe as if left plain. Better be safe than sorry. Avoid slippery oils and waxes—use SLIPRUF. A four pound can will finish a large house. Sent pre-paid on receipt of \$5, check or money order. Your money back if any question of satisfaction.

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Mahwah New Jersey

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Beautiful Clothes Closets

Send for this Booklet of Beautiful Clothes Closets

if you would like to learn how attractive and convenient a clothes closet can be, send for this book. It shows how to obtain double capacity in a delightful new kind of closet where clothing hangs in an orderly row on a tickled fixture you can pull out into the room for inspection and selection. Learn how you can enjoy this convenience at little cost by installing Knappe & Vogt fixtures. Just return the coupon.

KNAPE & VOGT
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Grand Rapids Michigan

Please send me your free booklet, Beautiful Clothes Closets.

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*A New
Hendryx Cage
Entirely of
Dyralin*

It is made in a variety of colors and presents a novel and decorative effect in the sun parlor or breakfast room where contrast is desirable. A folder, printed in color, will be mailed upon request. Hendryx bird cages are made in over five hundred designs. And always a Hendryx floor stand to match.

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"HENDRYX" BIRD CAGES
Since 1869

**Your New Home
Need Never Have Garbage!**

BUILD the Kernerator into your new home and waste disposal becomes your easiest task. All waste—garbage, sweepings, broken glassware, papers and other forms of trash—is disposed of as rapidly as it accumulates, and without leaving the kitchen!

For the price of a good radio set (and without a cent of upkeep afterward) you eliminate forever those countless daily trips to rubbish pile and garbage can. You gain immeasurable convenience and a new neatness of home and yard.

As the picture shows, all waste is merely dropped into the Kernerator handy hopper door. Falling to the brick combustion chamber in the basement, it is air-dried for occasional lighting. Everything is burned but tin cans and the like, which are flame-sterilized for removal with the ashes. The waste itself is all the fuel required.

The Kernerator must be BUILT IN THE CHIMNEY, hence it cannot be installed in existing buildings! Consult your architect—he knows and will recommend the Kernerator. Or write—

KERNER INCINERATOR COMPANY
1025 Chestnut St. Milwaukee, Wis.

KERNERATOR
Built in the Chimney

Drop all Waste Here—then FORGET It!

Not a House but a Home

Out of This Plan Book You'll Get the Big Idea for the Home You Hope to Build

Maybe the whole plan itself—there are a dozen perfect ones—or just what you're looking for in room arrangement—or how to keep cold air from leaking in around windows and doors. Do you prefer white enamel—or dark rosewood—in woodwork? The answer is in this book, clearly explaining the advantages and "reason why" of

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SOFT PINE**

*Satin-like
Interior Woodwork*

Whether you build anew or remodel, this book will be an invaluable friend, filled as it is, with the helpful counsel of an experienced architect, expert in residential design and decoration. Just mail 50 cents, cash or stamps, with the coupon below, and the book is yours. Also, free on request, an interesting booklet on how to enamel and stain woodwork.

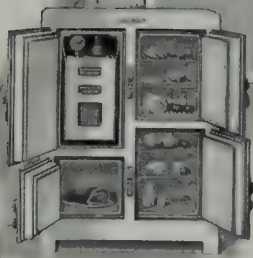
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Name.....
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Thick steaks that almost melt in your mouth; green salads so crisp they fall apart at the touch of a fork!

You have often wondered how these and other foods are so deliciously prepared and attractively served in the best hotels. There is no real secret about it. The foods you, yourself, buy will acquire the same delicious qualities under the influence of the Zone of Kelvination.

Kelvinator—the electric method of chilling refrigerators without ice—creates a condition in any refrigerator that affects foods in a remarkable way. It reduces the temperature to 10 degrees colder than when it is ice cooled, but does something more. It crystalizes the moisture out of the refrigerator, leaving the interior not only cold but dry. All moisture disappears. The air takes on a sharp, frosty “sting”.

Under the influence of this kelvinated air, foods not only stay fresh and sweet for days, but actually improve. Meats mellow and acquire a delicious tenderness. Green vegetables “crisp up” and are better than when fresh from the garden. New frozen dainties can be prepared that will delight your family and amaze your guests.

You can install Kelvinator in your present refrigerator and be prepared for every occasion; family dinner or entertainment. You will escape forever the annoyances of ice delivery, as Kelvinator refrigerates for months or years without attention. You can keep a liberal supply of food on hand, and market only once a week. And with all these advantages, Kelvinator is an actual economy.

“Kelvinator and Kelvinated Foods”—an illustrated descriptive booklet, will be mailed gladly on request. (106)

KELVINATOR CORPORATION
2052 WEST FORT STREET DETROIT, MICHIGAN
Kelvinator of Can., Ltd., 12 Temperance St., Toronto

Kelvinator

The Oldest Domestic Electric Refrigeration



Tedington, on the James River, built about 1717, has a hipped, curb roof, a characteristic feature of the early Virginia houses

BUILDING IN WOOD

(Continued from page 68)

In the middle of the 19th century, while rapid changes in style were taking place in the appearance of the wooden house, the underlying structure, or timber frame, underwent a revolutionary change. The old braced or “full” frame which harked back to English half timber construction, with its members mortised, tongued and wood pinned,—gave way to what we call the “balloon” frame. In this newer method, the timber sizes were greatly reduced, the mortising and tonguing omitted, and all put together with nails and bolts. The old full frame depended to considerable extent upon the sizes and the quality of its timbers, and when well done, could hardly be bettered, but with the decreasing timber supply, with increasing labor costs, the modern balloon frame came in, and in reality makes a more scientific and structural use of the timber sections than does the earlier tongued and pinned frame.

Today, the usual run of frame houses have their walls worked out on the basis of members 4” deep, though in the better class of work, the studs are increased 6”, giving thicker walls and the additional space for trimming of openings. The practice of using 6”

studs might well become more general, as it does not mean a very great additional expense.

If it is decided to build entirely of wood, there is a great range of materials to choose from—too great a range to discuss in detail within the scope of this article.

In choosing woods, their use must be kept well in mind. For framing, strength is required, and an absence of dry rotting tendencies. For clapboards there must be durability with exposure, and no curling inclinations, or resin streaks to drip in the sun. For trimming, the wood should take the molding knives cleanly, and then should last in the weather, and stay put when once nailed in place.

We are told by our lumbering interests that we still have well nigh unlimited supplies of timber. Reports from our forestry experts say otherwise, however, and one has to feel that the employment of wood for framing, and for exterior wall covering must become more and more limited. It seems likely that in several decades, the wooden house will have become something of a luxury, and the use of wood in building will be confined to trimming and to finishing.



Tuckahoe, on the James, is one of our most important early frame houses. Like many another in the neighborhood it is unpretentious without and richly carved and paneled within



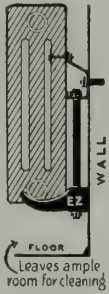
DON'T BREAK YOUR BACK

IN your new home use LEG-LESS radiators, supported from the wall by E-Z RADIATOR HANGERS. This affords ample room underneath for easy, thorough cleaning with brush or electric cleaner, without stooping.

No dust to streak walls above radiators. No hot legs to melt dust into floor finish. Cleanliness made easy!

E-Z HANGERS are making leg radiators obsolete. Invisible when installed, inexpensive. See your architect. Write for beautiful brochure showing home installations.

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Book of Etiquette
\$4

An investment in assurance . . . providing a discreet reminder for the sophisticated, a ready help for the humble, and a kindly sermon on good manners to gay and headlong youth. Covering completely the present-day customs of social intercourse, with the rules for their correct observance.

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City..... State.....



The WAY TO HOME COMFORT

THE comfort of your new home will depend greatly upon the material used for its walls. Before building you should investigate Natco Hollow Building Tile and assure yourself a warm house in winter and a cool one in summer.

Free Home Book

Our Free Home Book "Natco Homes" containing many pictures of attractive homes and garages will be mailed free at your request. Write for it today.

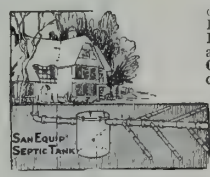
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Let our experts suggest just the ideal sanitary service suited for your suburban home, school or factory. Protect health and increase property values with this quality equipment—



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Self-drain Toilets

without water or sewers, improved design, nothing else like it.

Septic Tanks

for water toilets without sewers. Follows U. S. Public Health Service design. Thousands in use. No failures. Fully guaranteed. Easily installed. Before you order any system, write for San Equip folders and free plan sheets. Give us the brief details of your problems and we will do the rest. No obligation on your part.

Chemical Toilet Corp.

1914—1934 Liverpool Rd.
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Gives you 150 feet of revolving clothes line—and the entire wash hung up to dry from one position. The Hill Champion Clothes Dryer is the most efficient and convenient means of drying clothes. Just the correct height for easy hanging. No stretching or exertion. Each piece in the wash gets the sunlight as it sways in the breeze. An all year round helper that more than pays for itself in a short time. Removable when not in use.



Our booklet G gives full information—send for it today.

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Inexpensive as to first cost and positively in a class of its own as to low upkeep cost, KEYSTONE Siding, made of selected Western Red Cedar from British Columbia forests and fashioned into "Side-walls of Enduring Beauty", should be given serious consideration always before home building specifications are written.

"Sidewalls of Enduring Beauty"

No available wood surpasses Western Red Cedar in durability. Being wholly free from resin or pitch it is rot-resistant to an exceptional degree. It is light and easily worked. Its grain is such that it does not warp or curl. It takes paint well and economically.

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Associated Tile Manufacturers

315 Seventh Avenue Beaver Falls, Pa.

THIS association is prepared to tender a helpful service to every home builder.

There are many places in your home where beautiful Tiles may be used with telling effect and to advantage. Aside from the bathroom, where clean Tiles for a long time have been the accepted finish, there is the kitchen where Tiles add attractiveness and lighten housework. There is also the hall, the dining room, the sun parlor, the porch, and the garden; each of these is rendered more serviceable and more attractive by appropriate Tiles.

With the rapidly increasing use of color in interior decoration and American architecture generally, there is no material which supplies the aesthetic and practical elements so completely and so satisfactorily as Tiles.



Tiles in the garden furnish most delightful and unique touches of color and refinement. Walks, arbors, gateways, walls, statues, fountains and pools offer unrestricted opportunities for distinctive Tile effects.

IN order to secure the full advantage, the greatest durability and the beauty which go with Tiled surfaces, insist on Tiles made by one of the member companies of this association.

The illustrated brochure, "Beautiful Tiles," describes the popular uses, sizes and shapes of the many kinds. Write for your copy—it will answer most of your questions about Tiles.



To see a Tiled kitchen is to covet it; to have one is to appreciate fully its scrupulous neatness and its practical efficiency; its lasting newness delights the modern housewife.

Producers of Beautiful Tiles:

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- WHEELING TILE CO.
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A house may have every other improvement, but unless it has the Tiled bath it is incomplete. The Tiled bath looks its cleanliness.



This view of the Ponce de Leon plaza in Coral Gables shows two of the transplanted coconut palms



Purple Bougainvillea clusters gorgeously over the fountain of the plaza. Denman Fink, architect

SPAIN IN FLORIDA

VIRGINIA ROBIE

EVER since the days of the great builders of the Renaissance, architects have cherished the ideal of a city designed under one master impulse; many minds working together to create a unified whole. Our big expositions have embodied this dream, but expositions are ephemeral, and planned for exhibition purposes only. Undoubtedly they have contributed to the broadening of mental horizons. The Columbia Exposition in Chicago gave us a sense of structural beauty—Greek feeling expressed in orderly simplicity. The Louisiana Purchase Exposition in St. Louis mingled French and Classic, and, while something was lost in restraint, something was undoubtedly gained in new uses of stucco and new

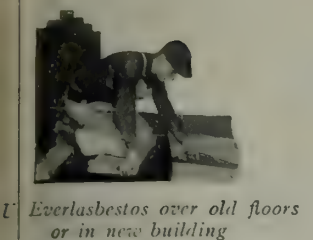
schemes of lighting. The Pan-American in Buffalo blended Latin motifs, more or less successfully, with an introduction of color. The Panama-Pacific in San Francisco, benefiting by the lessons of the past, carried form and color to a high degree of beauty. Here we saw landscape gardening in the large, skillfully related to site, design and climate. Yet the dream city was still a mirage.

At last, near Miami, Florida, the dream has become a reality; not merely a group of houses, not a colony, not a community, but an entire suburb, almost a city, numbering hundreds of buildings, conceived, has been designed and erected under one master

(Continued on page 130)



The patio of the inn might easily be an architectural bit from Spain or Morocco



Everlastestos over old floors or in new building

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You be delighted with this hand-
long-wearing floor. The quality
ingredients and colors, the care
preparation give Everlastestos its
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The entire floor is one smooth
mass surface, easy to keep clean
and shining. A wonderful floor for
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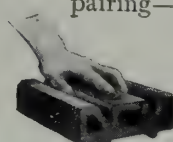
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and save money

"Fisklock", the two-in-one brick, means low building cost.
It gives comfort and economy in the finished home because it
is cool in summer, warm in winter and makes a building easy
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The WALKER Dishwasher-Sink is
of heavy enamelled ware—the equal of
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not only gives your kitchen new im-
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away the drudgery of dishwashing.
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Now she knows it is
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Her precious children—what if some-
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So often she had told herself her
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furnace. What if the maid should
forget to check the fire? Or perhaps
it might go out entirely. How re-
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And yet—the next time? Always
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Now she knows it is safe to leave
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controls dampers and drafts; keeps
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The remarkable thing about it is this:
It might be classed as a luxury, con-
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is an entirely new kind of fashion magazine for sensible women who wish to dress well and prefer to shop in their own city's stores.

Everything in Royal is smart. Everything buyable. Everything is priced. Everything made up by leading American manufacturers and stocked by leading American stores. aim is to enable you to go to your favourite store and buy whatever Royal shows—Royal will tell you where in your vicinity you can get it.

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Royal reports with accuracy and charm upon the actual American adaptation of the Parisian mode. Photographs of well-dressed American women, taken at their favourite resorts, prove the smartness and practical value of the designs which Royal shows. They aren't fantastic creations suitable only for display on a mannequin; they are the proper thing for you yourself to purchase and to wear.

THE ENSEMBLE

A unique feature of Royal is the attention bestowed upon that essence of the mode, the ensemble costume. Every month Royal shows two complete outfits for one of the many varying types of women: suit, dress, coat, shoes, hat, fur, down to the smallest accessories, all of which match in colour or in design, and which in combination impart to the wearer the inimitable effect of chic.

VOGUE-ROYAL PATTERNS

For the practical women who make or supervise the making of their own clothes, Royal shows in each issue a certain number of original Vogue-Royal designs for which patterns can be bought at 40 cents, 65 cents, and \$1. These patterns are exclusive, because only a limited number of each are sold in each locality.

EIGHT PAGES IN COLOUR

If you ever dreamed of a fashion magazine in which the mode stood out in its natural colours—not horrors in red and green, but the actual tones which the great designers imagined and the best fabric manufacturers have made up—then your dreams have come true. For in each number of Royal, beginning this December, you will find eight pages showing the season's smartest modes in the season's favoured colours. Expensive guesswork in the planning of your wardrobe is eliminated.

OTHER FEATURES

Special articles appear on how to choose and how to judge such details as gloves, shoes, underwear and corsets; on beauty and the accessories that will preserve it; on fabrics and trimmings; on how to wear and care for one's wardrobe; on outfits for an entire season or for some great occasion.



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Buick shows the quality of its engineering when the thermometer is hunting zero.

The engine starts easily—runs smoothly, without choking or sputtering. Nothing gives an engine quite so much advantage over cold air as Buick's automatic heat control on the carburetor.

There is power in plenty for deep snow or mud, the power of seventy horses. Twenty years ago, Buick engineering found the most powerful engine—the most economical as well—the Buick Valve-in-Head. And there is nothing quite like Buick Four-Wheel Brakes for firm stops on slippery streets.

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BUICK WILL BUILD THEM

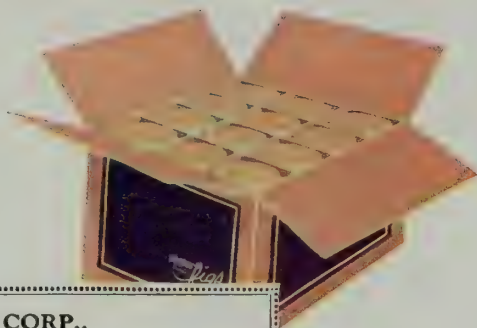


figs
to be served with
reverence like
fine old wine ~

try them

Order us to send you
this dozen-jar packet

Ask for the Slone purple
packet of 1 dozen 13 ounce
jars, at shops where fancy
foods are sold. If you can't
find them, merely send us
your check for \$6.50 and
we will see that your grocer
gets and delivers them to
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packet direct, charges
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Carter Building, Houston, Texas.

Gentlemen: You may send me, either direct, transportation prepaid,
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of your purple packets of one dozen 13 ounce jars of Slone's Whole,
Preserved, Skinless Figs, for which my check for \$6.50 is enclosed.

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Street _____ City _____ State _____

Grocer's name _____

No rare vintage, however prized or costly, is worthy
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Beautiful and alluring as they are in the glass jar, the
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So large in size - so rich in the thick consistency of
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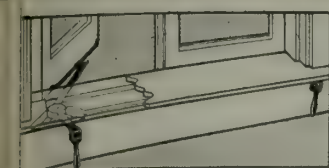
Each fig is perfect; though the skin is entirely
moved, the tender meat of the fruit is unbrok.
Unlike figs from other climes, these are practically se-
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crop are selected for this particular pack.

If you love the luscious, healthful qualities of figs,
you've known them before, you'll find a new luxu-
in these bearing Slone's label. Nothing finer produ-
in all the world.

For your convenience, packed in three sizes:
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Locks Tight! Stops All Rattle!

There is only one casement opera-
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MONARCH Control Lock

This practical, long-lived device
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OFTEN the rods are the real secret
of lovely curtain effects. And
new, scientific Bluebird Rods make every
beautiful effect easy.

In rust-proof Satin Gold or White
Enamel, these rods suit all curtains.
In single, double, triple styles they fit
plain, bay or casement windows, and

French doors. Anyone can attach the
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slip on or off instantly.

Curtains hang straight and true on
"Bluebirds" because of the patented
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Made by H. L. Judd Co. Inc., New
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FLAT-Extending
CURTAIN RODS



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Fluted posts, 54" high; beautiful
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Panels in head and foot boards of
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tinctive dull rubbed satin finish.
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Made in three sizes:

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Single or Twin size	3'3"	6'4"
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Home is still plentiful
enough in the Northern
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at a price easily within
our means."



The texture of Birch makes it perfect under
enamel, as in the hallway (above) in the
home of K. B. C. Smith, Esq., Tenafly,
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is, truly enough, "the
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hard, and thus is prac-
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Beautiful Woodwork"



Where do you think the snow shovel is carefully put away?

—Cartoon by
Webster in
Cincinnati
Times-Star



Garage doors hung on *Slidetite* slide and fold away from the snow

Old-fashioned swinging garage doors, which are never satisfactory, become even more troublesome when cold weather arrives. Not only are they easily blocked by ice and drifted snow, but they are always being slammed and banged about by wintry winds.

Slidetite

Garage Door Hardware

provides a doorway without a single fault. For *Slidetite* equipped doors slide *inside*, away from ice and snow, and fold flat against the wall where the wind can't slam and bang them. *Slidetite* equipped doors are suspended from above, making sagging and binding impossible. They slide so smoothly on their overhead track that a child can open or close them. Yet they fit the opening snugly when closed, securely sealing the garage against wind and cold.

Before building that new garage, or remodeling the old one, send for a copy of Catalog M-29. It contains many helpful suggestions and detail doorway plans. Slidetite is sold by leading hardware and lumber dealers everywhere

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Los Angeles
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Seattle



A corner of one of the houses in Coral Gables from whose roofs the town derives its name

SPAIN IN FLORIDA

(Continued from page 126)

plan. Here is the repose of the Court of Honor of the old Chicago days; here is structural unity in the large, here is detail which quickens the imagination; here is color applied in ways new to American building, here is landscape gardening made an integral part of the whole vast plan, and here is Florida in its most beguiling mood.

It is fitting that the Spanish style should have been chosen for the town of Coral Gables. No other would so perfectly express the history and atmosphere of this part of the world which Spain more than four hundred years ago made her own. Correctly interpreted the style is rich and varied for no country drew in a more princely manner from the rest of the civilized world than did Spain in her prime. Her touch with Mediterranean countries was close, and scarcely less so with Flanders and Holland, and through them with the Orient as known to mariners of that far away day.

Within the past few years there has been a great awakening in this country to the beauties of Spanish architecture, gardens and handcraft. A wealth of material is opened up to the student whether his special interest be iron work, pottery, old silver, embroideries, or houses.

No style becomes more completely a part of its background than the Spanish and at Coral Gables the plaza, the patio and the wall fountain take on new fitness and charm.

Florida and Spain have much in common in the way of tree, shrub and flower. The orange is not the only bond. Naturally Southern Florida has much that Spain has not in the way of tropical foliage. There is here a successful welding of landscape frame and architectural picture, of the tropical loveliness of Coconut Palms, royal Poincianas, feathery Bamboo,

brilliant Bougainvillea, picture Banyan, and of orange trees grown for their beauty as once cultivated the royal gardens of the Alcazar of Seville.

The Giralda lives here again, as it raises its high tower in Madrid Square; also the Casa Miranda, Gate of Justice, the Door of the Court of the Oranges; a poet might put them into a sonnet and choose a moonlight night in the country that is always June.

Possibly you may not care for the schemes at first sight if you have thought of houses all your life in terms of drab. But colorful Spanish cannot be translated in Quaker or Puritan brown, nor can Florida in the vicinity of Miami. With its blue skies and vivid flowers, with Cayenne Bay changing from azure to violet and from violet to apple green, art must follow nature or be out of the picture altogether.

Quite recently Ralph Adams Cross has written: "Architecture without color is a vain thing," and again: "Nature expresses herself in color; if art cannot do the same why art must best go back to nature and take a fresh start."

As the architectural scheme of a town unfolds, Italian themes will interrelate, particularly the Venetian, which has special fitness in this land of picturesque waterways. While Spanish themes will predominate, all Mediterranean countries, in time, must be represented. The possibilities of beautiful effects are tremendous, a scope as broad as the one plan for here.

We are accustomed to seeing the individual problem well treated in a country when taste and wealth are in command, but observation has not led us to expect so convincing a hand when the idea is built on a color scale.

The Beauty of Solid Mahogany and Walnut

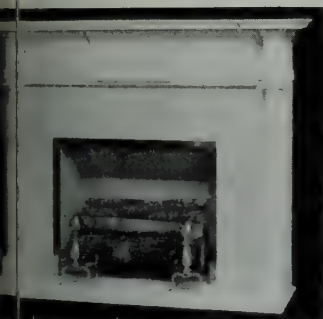
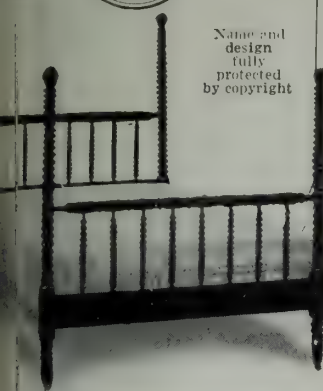
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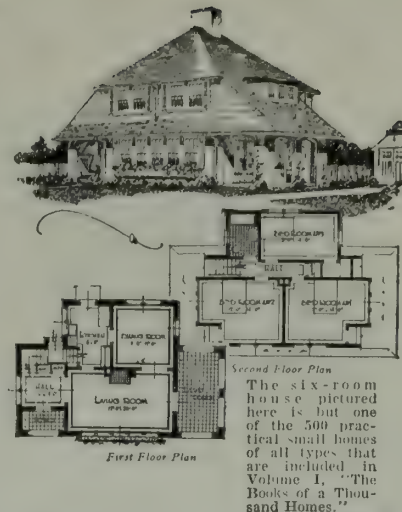
An artistic, practical set, at a moderate price. Made of kiln-dried birch and magnolia. Table is 36" x 42" with leaves up; 16" x 36" with leaves down. Well made. Gloss enamel finish which may be washed with hot or cold water without injury. Decorated in grey and blue, black and gold, or colors you select. Write for catalog and color card. Please mention dealer's name and color scheme of your walls.

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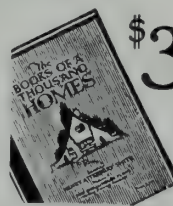
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Yes, there has been a change in our name, though none in personnel. We are now The Conard-Pyle Co., so-named for Alfred F. Conard, who was one of the original partners in the old Conard & Jones Co., and for Robert Pyle, our President since 1907—the same Robert Pyle, incidentally, who wrote "How to Grow Roses", and whose illustrated lectures on roses and rose-growing have been favorably received in many of our larger cities.

STAR ROSES ARE GUARANTEED TO BLOOM OR WE WILL
BUY THEM BACK FROM YOU



One of the most effective interiors at the recent Art-in-Trades Exhibition was a Georgian library with pine paneling and crevel embroidered curtains. The Colby Decorating Co.

THE ART-IN-TRADES EXHIBITION

TWENTY-THREE rooms completely furnished and representing the work of many of the foremost decorators, designers and craftsmen in America comprised the third annual exhibit of the Art-in-Trades Club held recently in New York.

With the growing interest in home decoration these exhibitions are increasingly valuable. In the first place they offer excellent opportunities for studying various types of decoration.

In addition, and this in the end aim of the organization, they and stimulate an interest in and for beautiful surroundings—furniture, hangings, rugs, accessories—the things that go to make artistic and livable room.

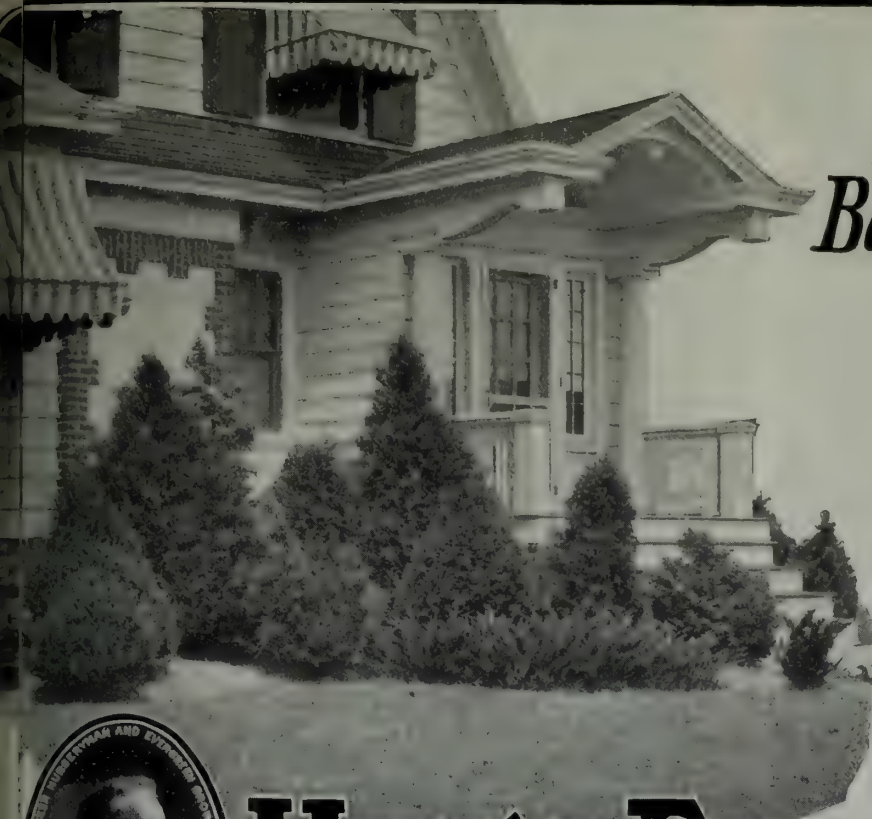
The spirit that animates this exhibition is best known by quoting a subject of the Art-in-Trades Club, published eighteen years ago—"The Art-in-Trades Club" (Continued on page 134)



The bedroom above with its painted furniture and bright glazed chintz was part of a three room Colonial apartment decorated by M. L. Overton

Fine reproductions of 18th C mahogany furniture, and an interior paper were features of a bedroom decorated by W & J





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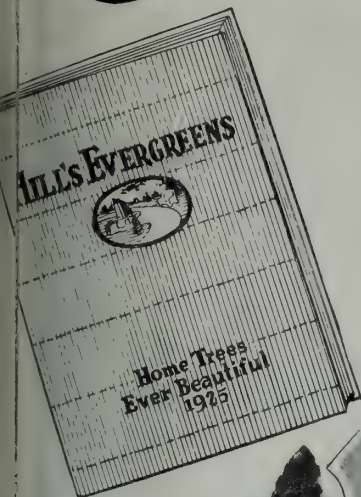
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A small conservatory with walls painted in the Pompeian manner was given additional color with painted furniture, oil jars and many flowering plants. Cooper & Gentiluomo, decorators

THE ART-IN-TRADES EXHIB

(Continued from page 132)

together for mutual advancement and study men who are engaged or interested in the arts and art trades; to study the principles of art as applied to trades connected with the decoration and furnishing of buildings; to harmonize commercial activities with the growing art tendencies of the present time; to encourage feeling and taste for art expression in general; to strengthen the bond among those thus allied by good fellowship and a community of interests."

Five of the interiors shown are illustrated in this article. In addition one was able to see and study such divergent types of decoration as a Spanish-Italian entresol decorated by Raymond Anthony Court—an imposing interior with rough cast walls and interesting tile effects, an English 18th Century dining room decorated by Frank Partridge and Stair & Andrew and containing some fine mahogany chairs by Chippendale in his Chinese manner; also a Georgian living room by the Sterling & Welch Co., a Re-

gency dining room by Henry Ful & Sons, and a colorful 18th Century bedroom decorated by B. Altman & Co. The walls of this room paneled with Zuber paper in a picturesque Chinese design.

Perhaps the most elaborate of interiors shown was a large Elizabethan living room decorated by Charles London. This was an unusually interesting example of the sturdy decoration of that period, with fine oak paneling and furniture, armor, lighting fixtures and accessories of great beauty.

Other interesting interiors in exhibit were three small rooms comprising the Colonial apartment by M. L. Overton. The bedroom in this group is shown on page 132. The combination living and dining room of this apartment was simply but effectively furnished with sturdy new furniture copied from early American models. These pieces, excellent in design and execution, are ideally suited to the simple dignity of a room of this kind.



The entire scheme of this French sitting room revolves around the use of crimson and cream toile de Jouy for curtains, wall panels and furniture covers. E. A. Belmont, decorator



Type of Diener's Giant Double Petunia,
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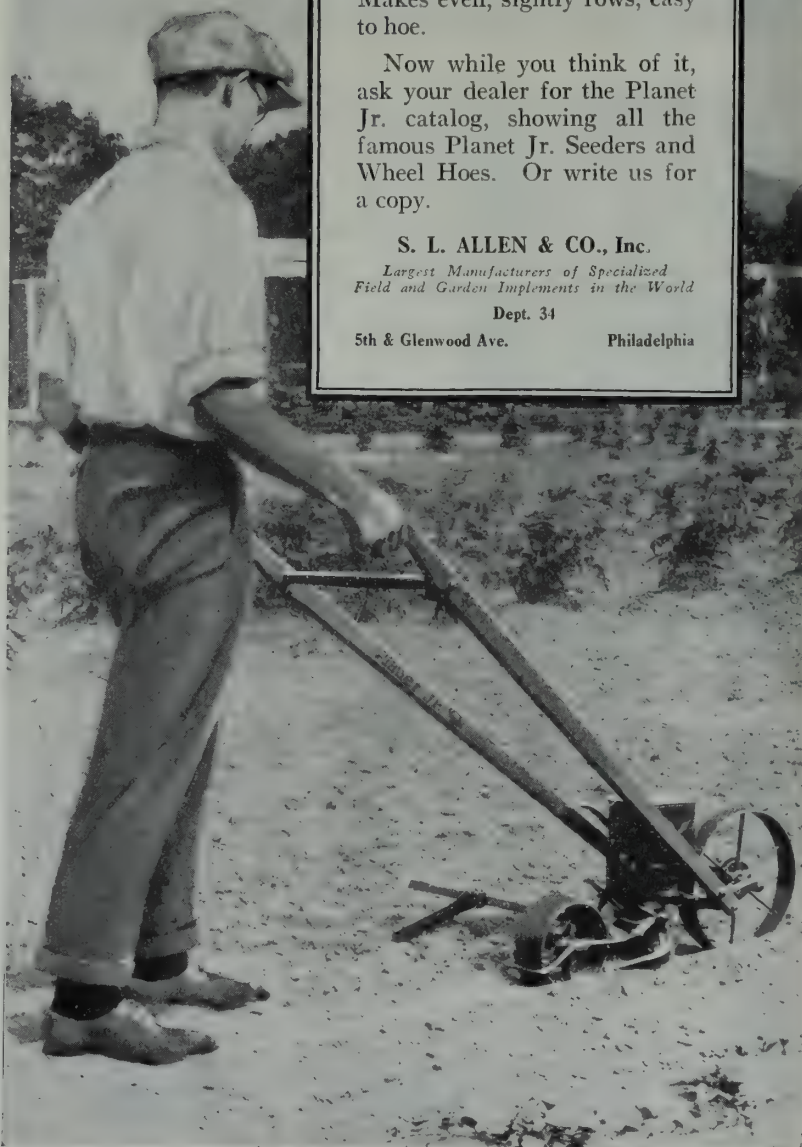
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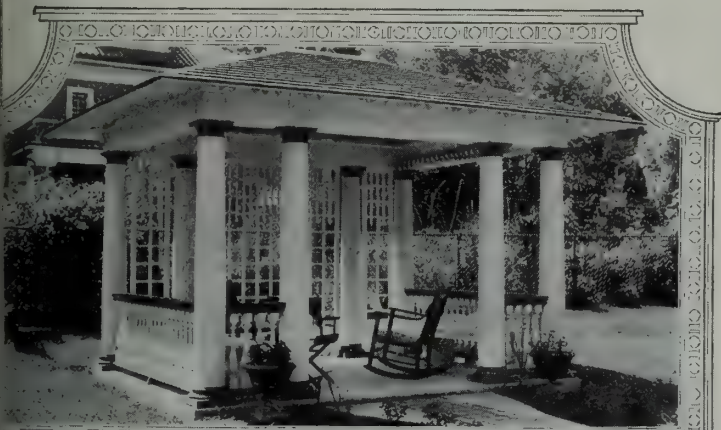
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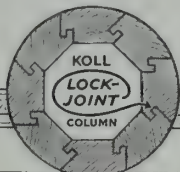
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50th Anniversary

Our 1925 catalog is the finest we have ever published. It will be sent free upon request. Contains 140 pages, thousands of illustrations and descriptions, twenty full pages in colors. Many new novelties and attractive offers. Send for copy today. A post card will bring it.

A Few New and Rare Specialties from our 1925 Catalog.

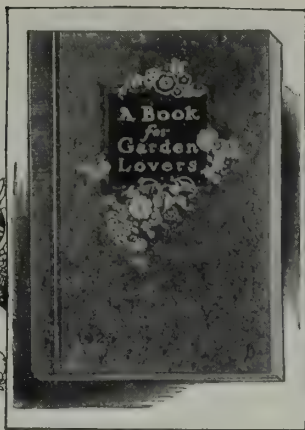
54700	Petunia Sensation Rich Purple Pkt. . .	50¢
50440	Aster Heart of France	35¢
56555	Sweet William Everblooming	25¢
56785	Bush Verbena	35¢
55100	Santa Barbara Poppy	15¢
54410	Pansy Special Strain	35¢
52180	Delphinium Private Estate Hybrids . .	50¢
56830	Zinnias Dahlia Flowered Mixed . . .	25¢
51854	Cosmos Giant Early Double Mixed . .	25¢
51540	Childs Chinese Woolflower	15¢

Special Offer [No. 50] for \$2.00

We will send one packet of each of the above Specialties for \$2.00. If purchased separately would cost \$3.10

JOHN LEWIS CHILDS SEED CO., Inc.
FLORAL PARK, NEW YORK

Your
Planting
Guide To



Better
Gardens
in 1925



"A Book for Garden Lovers"

is ready for you—Full of helpful planting suggestions and information about the quality and varieties of

Schling's Seeds

Seeds that are famous for their supreme quality and the truly marvelous vitality that has been bred into them by the most scientific selection under the careful supervision of men who have given a lifetime to the work.

"Now the New Year reviving Old Desire,"—When once again one takes up the pleasant task of planning the new garden it is well to remember that what you wish to buy is not seeds but success and—

"Schling's Seeds Spell Success!"

In proof of this statement let us reintroduce to you that superb variety among Schling's Specialties,

Indian Summer Schling's Wonderful New Snapdragon

Not only a new size but a new color— a marvelous rich velvety-copper red—never before seen in snapdragons; indescribably beautiful!

Indian Summer is a princess of the blood royal—*The New American Snapdragons*—whose individual flowers are at least one third larger than the largest of other so called giant snapdragons of to-day, with flower spikes rivalling the gladioli in height and vigor.

This is a flower you *must* have in your garden this year—the delight and pride of its proud possessor and the envy of all your friends so unfortunate as to have overlooked it. Better send for it at once.

1 pkt. \$1.00; 6 for \$5.00

Here are the rest of the royal family—you really can't afford to miss one of them!

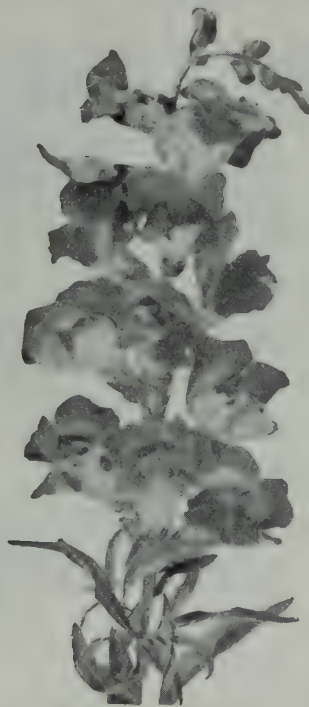
Golden West. Deep golden yellow with rosy lilac throat.

Pathfinder. A lovely tender rose-pink, with yellow lip and pure white throat.

Yosemite. Lip and throat of a splendid lilac-purple (like our garden lilacs); golden yellow center.

Navajo. Pure delicate canary yellow self without the slightest trace of another color.

Wyoming. Deep carmine-pink with golden yellow lip and lilac-red throat. Wonderful combination.



Indian Summer

Seminole. Rosy lilac with silky white throat; beautiful.

Narragansett. Delicate rosy lilac, overlaid with a silvery lustre; rich golden yellow at center.

Tenege. (Sunset). Golden yellow (Autumn Gold) changing toward the center to a bright terra-cotta.

Shasta. A lovely pure white with a fine yellow throat.

Massasoit. Brownish orange characteristic to the wallflower with an undercurrent of coppery red—another new color.

Miami. A delightful tender rose color.

1 pkt. of any of the above, \$1.00; 6 pkts., \$5.00

Special Offer:—The entire collection—1 pkt. of each of 12 varieties, \$9.00.

Schling's Seeds

618 Madison Avenue near 59th Street

New York City



The walk that leads to the plant propagation house on the Bindley estate at Coconut Grove is flanked by Italian Cypresses and, at the right, by a Caribbean Pine. Kiehnel & Elliott, Architects

TROPICAL PLANTING IN FLORIDA

ROSE L. DICKINSON

ANYONE familiar with the abundance and variety of tropical plant material appreciates the great temptation to indulge in a little bit of everything when laying out a southern landscape plan. This is the reason for the usual spotty effect which, until recently, has been so evident about the many otherwise attractive winter homes in the south. At the present time, however, by the more judicious use of fewer varieties, the true value and beauty of tropical vegetation is being increasingly emphasized.

In Florida, where the perpendicular can be so characteristically accented by the use of the stately Royal Palm or the more picturesque Coconut, an interesting skyline is always possible. The contrast in texture and substance of much of the tropical foliage is so great that in mass plantings these

points and the vastly differing tones of green must be carefully considered.

Miami offers the winter residence a wealth of bloom and verdant growth and the many gardens and fine estates sloping down to the water's edge are evidence of thoughtful consideration of color and design. Who will forget the sight, on a Eucalyptus-shaded drive south of Miami, of flaming orange Bignonia vine twining across the road with the delicate cloud-like sprays of pale Thunbergia? On the other hand, when one is confronted by the red of the Hibiscus and the many magnolias which rise up together to offend the eye, one wonders why all garden lovers in that sunny land do not turn more directly to the blue and white atmosphere about them for their inspiration. One has only to compare

(Continued on page 140)



Native trees and a background of blue water form a superb setting for the Stanley Joyce swimming pool at Miami. Kiehnel & Elliott were the architects

Stewart's

IRON FENCE

STANDARD OF THE WORLD



Beauty, Protection, Distinction

For town or country home

Used at the recommendation of landscape architects on many of the best known estates in America, Stewart Iron Fence is also bought for the more modest town or country home. It never has to be replaced—is a life time improvement.

For garden or lawn

For enclosing the garden, lawn, or other grounds at moderate cost, you can secure many attractive designs in Stewart Chainlink Wire Fence. It is strong, lasting, distinctive, economical.

Stewart erection service available everywhere.

Send today for Catalog "C," Iron Fence Designs Special Bulletin of Chainlink Designs

The Stewart Iron Works Co., Inc.
422 Stewart Block Cincinnati, Ohio
"The World's Greatest Iron Fence Builders"



Popular flowering shrubs

Virginalis, the modern "Mock Orange"





Strong 2-year-old field-grown plants, \$1.50 each or \$14.00 for ten by express or freight.

HERE is a magnificent new variety of Philadelphus, possibly the best loved of all old-fashioned shrubs. Virginalis blooms profusely. The 2 to 2½ inch pure white flowers are the largest, handsomest and most sweetly fragrant of any known variety—with the longest blooming season. The bush grows to a height of 6 feet with graceful dark green foliage. Send an order for Philadelphus virginalis today and ask also for the 1925

Storrs & Harrison Free Catalog

which shows and describes the finest seeds, plants, trees and shrubs that you can possibly buy. The pick of 1200 wonderful acres is listed—backed by 71 successful years.

THE STORRS & HARRISON CO.
Nurserymen and Seedsmen for 71 years
Box 582 Painesville, Ohio

"Makes plants thrive"



1 lb. Can 25¢

Old Gardener FERTILIZER

The best complete fertilizer, tonic and soil sweetener, for every lawn, garden and home use. Contains in concentrated form the food elements used by professional gardeners and florists.

Gives Wonderful Results

Old Gardener makes plants grow and bloom like magic. Ferns, palms, bulbs and house flowers take on new life almost over night. Worn out soil is quickly freshened and made fertile. Lawns, shrubbery and outdoor gardens respond just as quickly and grow as never before.

Better Plants by Farr

1925 Edition



as the name indicates, contains only the best varieties of perennials and shrubs for every growing garden. Surely you like to read about them.

Irises Delphiniums Chrysanthemums
Peonies Philadelphus Lilacs

and many other species and varieties which have been admitted to this book only after very careful tests. You'll be proud to grow such plants in your garden.

Better Plants by Farr—our catalogue, is a guide for small and large garden owners. It will help you to select the best plants. A free copy will be sent to House & Garden readers.

BERTRAND H. FARR—Wyomissing Nurseries Co.
106 Garfield Avenue, Wyomissing, Pennsylvania

Odorless—Easy to Use

No need of using coarse, low-grade odorous fertilizers. Old Gardener is absolutely odorless, harmless, clean and easy to use. Will not injure tender seedlings; does not require dissolving in water. Just scatter it on. Plain directions on every package.

In 5 Handy Sizes

Old Gardener comes in 5 sizes, from one-pound can to one hundred pound bag—a handy, economical size for every purpose. On the basis of plant food contained, it is the cheapest fertilizer you can use.

GALLOWAY POTTERY

Galloway Pottery adds interest to the garden, sun room and hall. These high fired strong and durable terra cottas includeshapely Jars, Bird Baths and Fonts, Flower Vases, Pots and Boxes, Gazing Globes, Benches, etc.

A collection of over 300 attractive numbers is shown in our catalogue, which will be sent upon receipt of twenty cents in stamps.

GALLOWAY TERRA COTTA CO.
18 WALNUT ST. PHILADELPHIA.

The Roses of New Castle



Are the hardest, easiest growing, freest blooming rose plants in America. Always grown on their own roots in the fertile soil of New Castle. We are expert Rose growers and give you the benefit of a life time experience and the most select list in America. Every desirable rose now cultivated in America is included in our immense stock—and the prices are right.

Our Rose Book for 1925 "ROSES OF NEW CASTLE"

tells you how to make rose growing a success. The most complete book on rose culture ever published, elaborately printed in actual colors. Gives all information that you need. Send for your copy today—a postal will do.

HELLER BROS. CO., Box 152 New Castle, Ind.

Try it

Test it on your house plants now. Get a one-pound can from your dealer in garden supplies, or use coupon. Authoritative leaflet on Care of House Plants, free with each order.



United Chemical Products Co.,
812 Magee Bldg., Pittsburgh, Pa.

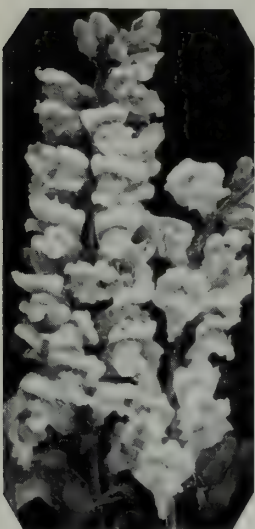
Send me.....1-lb. cans (25c each, postpaid) of Old Gardener Fertilizer and leaflet. I enclose.....

Name.....

Address.....

(Dealer's Name.....)

A BORDER OF PERENNIAL LUPINES



Giant Pastel Snapdragons

Send for this Book
Elliott's "Flower and Vegetable Gardens" for 1925 describes all of the finest varieties of flowers, including many valuable new introductions. Makes garden planning interesting, easy, and resultful. Free to all who are interested in fine gardens. Write for it today.

Rare Art Shades for your 1925 garden

Supreme in size and form—even more distinguished for their new and rare pastel colors—are Elliott's 1925 selections in easily grown garden flowers. Old favorites bred to size and beauty hitherto undreamed of. Just as easy to grow as the commoner forms but infinitely more lovely. Available in limited quantities only for 1925.

Elliott's Giant Pastel Snapdragons. Newest and largest of all "Snaps;" unique and most artistic in coloring. Old gold, pastel rose and lavender, warm terra cotta, russet and coppery tones. Thickly clustered blossoms on mammoth 3-foot spikes. Ideal for cutting. Pkt. 35 cts.

Elliott's Sweet Scented Lupines. Delicate, enchanting perfume and a wealth of soft harmonious shades distinguish this famous strain. Hardy perennials, thriving in full sun or partial shade. Frequent cutting prolongs the blooming period from May on to early fall. Tall spires of pink, rose, sky blue, amber, fawn and artistic bicolors. Pkt. 50 cts.

Elliott's Violet Blue Balcony Petunia. One of the most superbly colored flowers we have ever seen—a lovely deep shade of pure violet blue—rare in flowers of any kind and absolutely unique in Petunias. A mass of big, velvety blooms from early summer to late fall. Pkt. 25 cts.

Elliott's Mammoth Pastel Zinnias. The largest strain of Zinnias ever developed and the most beautiful. Not the raw, glaring colors of the familiar types but softer pastel combinations of salmon, rose, lavender, old gold, burnt orange, deep crimson and violet. Flowers often 6 inches across, with deep, full centers. Sensational in every way. Pkt. 40 cts.

SPECIAL OFFER

One full size packet each of Elliott's new Art Shade Selections for 1925, postpaid

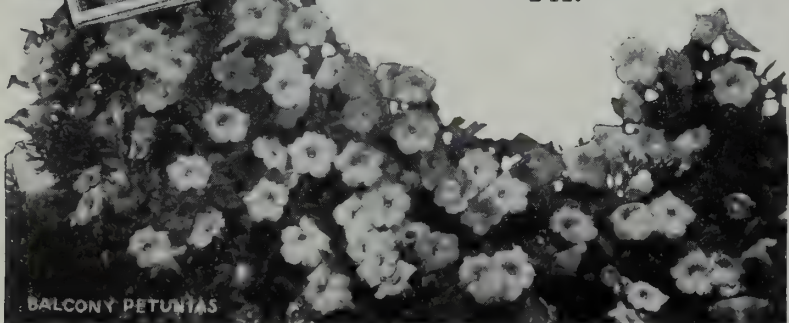
\$1.25

Supply limited: please order early

ELLIOTT NURSERY COMPANY

Established 1889

**511 Magee Building
PITTSBURGH
PA.**



BALCONY PETUNIAS



The Florida climate makes possible the use of a great variety of plants. This courtyard entrance to the home of Theodore Dickinson, Esq. shows a wise handling of native material

TROPICAL PLANTING IN FLORIDA

(Continued from page 138)

the Old World and the shores of the Mediterranean to find the most perfect expression of color values both in the architecture and in the out-of-door setting. Even the simplest French peasant with his courtyard garden, or group of flower pots along the wall, senses the true beauty of the tropical atmosphere and expresses himself in harmony with it.

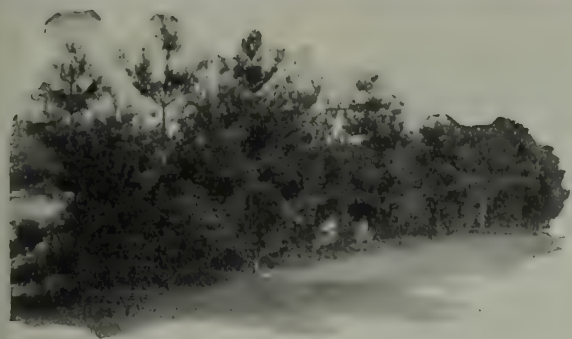
Of the shrubs which lend themselves most favorably to hedge and border planting in southern Florida, the Carissa (*Carissa grandiflora*), with its depths of lustrous green, and the Tobira Shrub (*Pittosporum tobira*) are two excellent examples, and if a more subdued, softer green is desired, the Oleander, the Florida Privet (*Forestiera*) and the blue Leadwort (*Plumbago capensis*) are useful in various ways, and beautiful during the winter months. The Allamandas (*A.*

nerifolia and *A. hendersoni*), the shrub and vine, are of value for foliage and yellow blossoms, latter coming in January and February a fit companion to the Solanum which, though a vine, is often grown in the North, with the pleasing effect of a billowy mass of pale blue. *Daedalacanthus* (*D. nervosus*) is a shrub of importance.

In some parts of Florida, along the coast and where the land has been made by dredging, some varieties of shrubs and flowers are grown with difficulty, owing to the lime soil and the salt water. Most of the hardy annuals of the North, however, such as Calendulas, Alyssum, Petunias, Ageratum, can be used with tell effect if started in September or October, and the seedlings set out before Christmas.



There is something architectural about the palm, fitting it ideally for formal drive and avenue planting. Here on the Arthur Curtis James estate at Coconut Grove it is well used



Why "Live in Anybody Else's Pocket?"

"One thing I like about my place," said Ex-President Roosevelt, "I do not live in anybody else's pocket." Sagamore Hill, the home of the late Theodore Roosevelt, has a ring of forest all around it, the view extending over the tops of the trees to Long Island Sound.

PLANTING ALL WINTER

is as easily and successfully done as spring and fall planting when Hicks' "Time-Saving" trees and shrubs—grown and prepared for moving at any time—are used. We guarantee them to grow.

It is not necessary for you to "live in anybody else's pocket"; independence and seclusion can be secured even on 50- or 100-foot lots by a barrier of Hicks' "Time-Saving" Evergreens. Plant them now, you will enjoy them this winter. They are beautiful the year 'round, for they never fade.

HICKS NURSERIES

Box H, Westbury, L. I.

New York



It isn't Imagination— Such Flavor can't be Bought

FLAVOR in vegetables, like the dew, vanishes early. Once out of the ground the loss begins. Sweet corn loses 40% of its sweetness 18 hours after picking, government tests show. The sugar in all vegetables begins turning to starch the moment they are picked, dulling their fine flavor. Things grown in your own garden *do* taste better.

Days often elapse before market vegetables reach your kitchen. Professional gardeners grow market varieties; they cannot afford to grow tasty little morsels whose juiciness would prevent their shipping.

You can! And Vaughan's 1925 *Gardening Illustrated*, shows you just the varieties to plant for flavor and tenderness for table quality.

This Group Especially Appetizing

Here is a list of vegetables selected for flavor. A package of each will be mailed to you for \$1.50—or pick out the kinds you like, 10 cents each.

Beans—Round Pod Kidney Wax
Stringless Green Pod
Limas—Carpenteria
Chinese Cabbage—Vaughan's Pe Tsai
Carrot—Nantes Half Long Scarlet
Sweet Corn—Vaughan's Michigan grown
Golden Bantam
Cucumber—The Vaughan

Lettuce, Leaf—Prize Head
Head—Vaughan's All Seasons
Romaine—Express Cos

Peas—Laxtonian, dwarf

Quite Content, tall

Squash—Table Queen

Tomato—Vaughan's Select Earliana

Improved New Stone

Vaughan's Gardening Illustrated. A seed catalog unlike others, a magazine of home gardening information, as well as a complete list with pictures, prices and descriptions of everything a home gardener desires or needs. It has 90 colored plates of flowers. A postcard brings your copy.

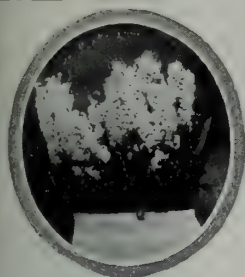
Department 11

10 W. Randolph St.,
CHICAGO

Vaughan's
Seed Store

Department 11

41 Barclay St.,
NEW YORK



Do You Love Early Spring Flowers?

You can enjoy beautiful spring blooms before your neighbor's plants begin blossom.

How? Order your greenhouse now in a very short while you will be able to do your planting for early spring flowers.

CALLAHAN GREENHOUSES

A Callahan Unit-Built Greenhouse can be erected easily and quickly, even in winter. It is shipped in units, painted, with glass all in, hardware attached, ready for quick assembly.

The thing to do NOW is—write for Greenhouse Book and complete price lists.

The T. J. Callahan Co.
Stout Street Dayton, Ohio



DINGEE ROSES

On Own Roots

A MAGNIFICENT new Dingee rose, the "Silver Columbia," is shown below. A hardy, luxuriant bloomer, it grows in or out of doors without coaxing. It is graceful, fragrant, colorful.

Rose lovers everywhere plant Dingee rose bushes. They are strong and sturdy—pot grown—on their own roots. Plant them any time, anywhere. Beautiful new varieties and all the old favorites. Safe delivery guaranteed anywhere in U. S.

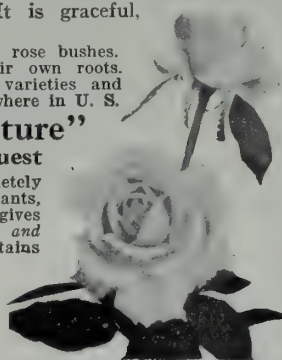
"Our New Guide to Rose Culture"

For 1925

Sent Free on Request

will help you in planning your garden. Completely illustrated. Describes over 500 varieties of roses, plants, bulbs and seeds and tells how to grow them. It gives you the lifetime study and experience of the oldest and leading rose growers in America for 74 years. Contains practical information for the amateur. Limited edition. 70 greenhouses. Established 1850.

THE DINGEE & CONARD CO.
Box 172 West Grove, Pa.



Write for Our Blue Book

It lists the Blue-bloods of the dahlia and gladiolus world—both standard varieties and new creations—exquisite beauties nurtured to perfection in the fertile soil and under the sunny skies of California.

Every bulb and tuber that we offer is of exceptional quality, insuring vigorous growth and splendid blooms.

Your garden library is not complete without a copy of the Blue Book. Mailed free on request. Send for your copy now.

CARL SALBACH

Grower and Originator of New Varieties
6066 Hillegass Ave. Oakland, Calif.

MRS. CARL SALBACH—known the world over. One of Salbach's many creations.



The New Dahlia "Our Country"

Stillman's new dahlia catalogue for 1925 is full of interesting subjects. It contains lots of new things of valuable information on dahlia culture. It will be a pleasure to mail you a copy free.

George L. Stillman

Dahlia Specialist, Box HG-25
Westerly, Rhode Island

Stillman's dahlias are known the world over as "dahlias of distinction"

Beautify your home



Direct from old reliable Green's Nursery you can get healthy, hardy, growing things of many kinds to add beauty, value, and a source of fresh fruits to your home.

10 Flowering Shrubs

Blooming Size 2-3 Ft.

- 1 Forsythia (Golden Bell) 1 Dwarf Barberry
- 1 Deutzia (Golden Bell) 1 Golden Spiraea
- 1 Mock Orange (Syringa) 1 Hydrangea P. G.
- 2 Spiraea Van Houttei 1 Spiraea Billardi
- 1 Indian Currant (Coral Berry)

Total cost separately—\$5.80
Special Collection Price.....\$4.50

Have Delicious Fresh Fruit

Dwarf Fruit Tree Collection

1 McIntosh Apple, 1 Delicious Apple, 1 Bartlett Pear, 1 Clapp's Favorite Pear. All Dwarf trees. Full sized fruit on small trees. Start bearing early—usually 2nd year after planting. Take little room. Ornamental.

Total cost separately—\$4.20
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Other attractive collections and over 300 varieties of growing things from which to select.

Sent C.O.D. or Liberal discounts for cash. Shipments prepaid east of Mississippi on orders of \$10 or more.

Illustrated catalog FREE!

Describing over 300 varieties of growing things Full of information about trees, vines, shrubs, planting etc. Write for it today.

GREEN'S NURSERY CO.

2112 Green Street
Rochester, N. Y.

Green's Trees
Shrubs
Vines
Nursery to You at a SAVING



Improved European Filberts

Beautiful Shrubs and Real Nut Producers

Hardy and adapted to the more Northern states—these beautiful plants fill an important place in ornamental plantings and nut borders for Walks and Drives. Other Hall specialties are:

Mary Wallace—Hardy Pillar Rose. A fine, strong self-supporting Rose 6 to 8 feet high, with large, glossy foliage. Blooms freely in Spring and has fine buds in Summer and Fall. Flowers semi-double, bright, clear rose-pink, with salmon base.

Silver Lace Vine (Polygonum Aubertii)—The fastest growing climbing vine known—(splendid coverage the first year).

Lodense (The New Dwarf Privet)—Only 8 to 10 inches high—ideal for edgings where the ordinary hedge is too high.

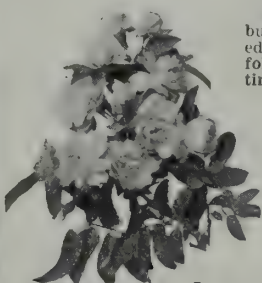
New Everblooming Rugosa Rose—For mass and hedge plantings—(not for the rose garden).

Clusters of beautiful bright red flowers resembling bunches of red carnations. Very double with petal edges serrated and with the beautiful deep green, healthy foliage characteristic of the Rugosa Rose. Blooms continually from early Summer until frost.

These are only a few of our specialties. Many others are illustrated in full color in our Free Catalog. Send for Catalog today and find out about our splendid assortment of Fruit and Ornamental Trees, Shrubs, Roses, Berry Plants, etc.

L. W. HALL COMPANY, INC.
476 Cutler Bldg. Rochester, N. Y.

Send for Free Catalog of



Everblooming
Red Rugosa

Splendid Nursery Stock of all kinds

Better Fences

Excelsior Ornamental Wire Fence is made of heavy wire held by patent clamps, insuring perfect alignment. It is hot galvanized after weaving, the heavy coating of pure zinc giving the fabric complete protection against rust. For residences in city or country. Complete information upon request.



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Felstone!

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FELSTONE is a richly handsome and durable synthetic stone compounded of white Portland cement, white crystals (instead of ordinary sand) crushed white marble and black stone crystals, fashioned in charming styles and designs.

Catalogue on Request

The FELSTONE COMPANY Inc
Biltmore - North Carolina

Bird Bath 38" high
strongly crated for
\$14.00
Light Granite Finish

"The Grounds Sold the House"

said a young matron. The couple had just sold their home at a good profit because the grounds had been made attractive with Evergreens, Shrubs and Hardy Flowers. You can make your grounds equally attractive with the help of our Service Department. We will send you

FREE "Practical Plans"

for Home Planting, showing five splendid collections and explaining how to adapt them to your grounds. We stand ready to give any further help needed in working out a satisfactory planting scheme—all without charge.

Write today for "Practical Plans" and 72-page Catalog of Ornamentals and Fruits.

Harrison's Nurseries
J. G. Harrison & Sons, Proprietors
Box 51 Berlin, Maryland

Oriental Plane

Jumbo Strawberry

Wonderful new variety
—bears until very late

Jumbo Strawberry yields great crops of very large fine-flavored fruit after other varieties are gone. Shipments have sold at \$1.00 a quart wholesale in New York. Perfect. Trial Offer 10 Plants, \$1.00; 25 Plants, \$2.00; 100 Plants, \$6.00; 1,000 Plants, \$50.00.

Redpath Red Raspberry

Beautiful brilliant red (not purple). Fruits in Fall of first year. From 1/2 acre of Plants set in April, we picked 300 qts. the following Fall. Second season, the Redpath bears heavily in mid-summer. Firm and a good shipper. Absolutely hardy. Trial Offer 5 Plants, \$1.00; 25 Plants, \$3.50; 100 Plants, \$12.00; 1,000 Plants, \$100.00.

CATALOG FREE. Pictures and describes Strawberries, Raspberries and material for every planting need.

L. J. FARMER Box 250 Pulaski, N. Y.

Redpath Raspberry

Redpath Raspberry

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For the benefit of its readers, House & Garden maintains a Garden Information Service. No charge is made for its advice.

We can tell you where to buy your plants and garden materials—if you cannot find what you want in our advertising pages. We can make suggestions for laying out grounds—and tell you where to get definite plans. We can offer advice on the care of lawns, beds and orchards—and suggest where to purchase what is needed for their protection.

How You Can Help Us to Help You

You can tell us just what is the present condition of that part of your garden on which you seek advice.

If you want suggestions for laying out grounds, you can send photographs or scaled plans.

Generally, you can give us the full information we need to send you intelligent advice.

Now we understand each other. And—what can we do for you?

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Garden Information Service 19 W. 44th St., New York

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PLANT FOOD



You, too, can have Success with Ferns

Feeding them. Plants are living organisms and need nourishment. Give your fern a bit of "SUPERIOR" Plant Food every time you water it and watch results. It will grow as luxuriant as if just taken from a greenhouse—of rare beauty, dark green, healthy, rich color. Your ferns, begonias, hyacinths and other plants need feeding—"SUPERIOR" Plant Food is a scientific formula that contains all the essential elements of plant life. Try it. The improvement will amaze you.

Your dealer's or if he cannot send you \$1 (plus 10c postage) for a can of 600 treatments—good for one year. Results guaranteed or money refunded. Trial charge 10c.

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1515 Madison Ave. Cleveland, Ohio
Dealers in High Grade Fertilizer for 70 Years

Stadler's "Superior"
PLANT FOOD

Van Dusen Dwarf Fruit Trees

Here is a letter from one of our enthusiastic customers

Read what he says:

E. Lansing, Mich.

Mr. C. C. McKAY, Mgr.
VAN DUSEN NURSERIES,
Geneva, N. Y.

Dear Mr. McKay,

We are very proud indeed of our little trees in blossom time and when bearing fruit, and enjoy having our friends see them as they are quite a novelty and rare sight to many.

Very sincerely,

C. W. LORING



Dwarf Apple Tree
Scarlet Beauty
(See adjacent letter)

Our customers send in pictures of these trees because they are pleased!

We Specialize in

Dwarf Apple Trees
Dwarf Pear Trees
Dwarf Plum Trees
Dwarf Cherry Trees
Dwarf Peach Trees

They are big bearers of big fruit from small trees. They bear younger and need less room. They are the best trees for the home garden.

Our FREE catalog will tell you about them, also our roses, vines and ornamental shrubs. A Postal brings it to you.

THE VAN DUSEN NURSERIES

C. C. McKay, Mgr.

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WILSON'S "O. K." PLANT SPRAY

The Insecticide Supreme

For your Flower and Vegetable garden, Evergreens, etc. For Box Mite, Rose Bugs, Lace Fly, Spruce Gall, Red Spider, Aphis, Thrip and other insects. Recommended by the Officers of the Garden Club of America.

Write for circular

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INC.

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For Sale by All Dealers

1 gal. \$ 3.00
1/2 gal. 10.00

WAGNER FLOWERS



FREE CATALOG
TO GARDEN LOVERS

Gives complete list of Wagner Roses, Hardy Flowers, Bulbs, Shrubs, Trees and Evergreens. Tells you how to make your home surroundings beautiful. Explains the mail service Landscape Department.

Write today for catalog 386

Wagner Park Nurseries
Box 86, Sidney, Ohio

Nurserymen - Landscape Gardeners - Florists



We do not pass along the description of the Hybridists as they grow abroad but state the defects as well as merits of the different varieties as they grow in our nursery.

ROBERT EVANS HUGHES ROSE SPECIALIST
Williamsville, N.Y. Near Buffalo

THE BEST ROSE GARDEN

is only acquired by planting roses that are budded upon certain stocks to which they show an affinity to do well upon. The failure of the rose Los Angeles and other Pernetiana varieties giving us such beautiful yellow, coral and salmon shades is due to the fact that most growers bud all their roses upon one kind of stock.

Our discretion in using three kinds of stocks Rosamaine, Multiflora and Manette as a budding medium must be conceded to be an advance and worthy of your consideration.

Our roses are hard grown and will not die back when set out. Nowhere can you buy stronger plants.

May we send you our catalog? It is different.

We do not pass along the description of the Hybridists as they grow abroad but state the defects as well as merits of the different varieties as they grow in our nursery.

ROBERT EVANS HUGHES ROSE SPECIALIST
Williamsville, N.Y. Near Buffalo

SPECIAL OFFER of TESTED SEEDS



If you write now for our 1925 Catalogue, we will send the famous HENDERSON Collection of seeds—one packet each of Ponderosa Tomato, Big Boston Lettuce, White Tipped Scarlet Radish, Henderson's Invincible Asters, Henderson's Brilliant Mixture Poppies, Giant Waved Spencer Sweet Peas.

Simply state where you saw this advertisement, enclose ten cents for mailing the Catalogue, "Everything for the Garden," and the seeds will be sent without extra charge.

Empty Envelope Counts For Cash

These tested seeds come in a coupon envelope which, emptied and returned, will be accepted as a 25-cent cash payment on any order amounting to \$1.00 or more. Don't delay; write at once.

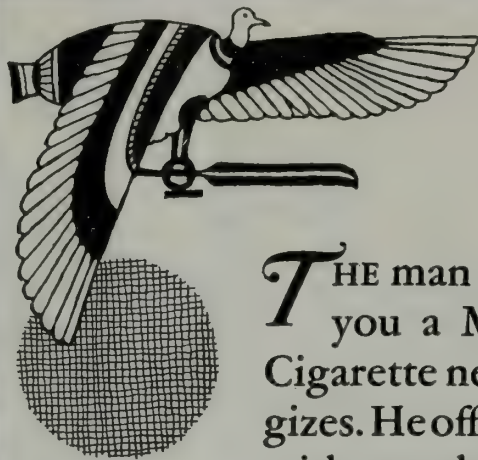
1925 Catalogue
Now Ready

Bigger and better than ever, the most beautiful and complete horticultural publication of the year, a book of

208 Pages

16 color pages, 72 pages in Rotogravure and over 1000 half-tone illustrations direct from photographs of results from Henderson's seeds—the finest catalogue we have ever issued.

PETER HENDERSON & CO. 35 & 37
CORTLANDT ST.
New York City



THE man who offers
you a Melachrino
Cigarette never apolo-
gizes. He offerstoshare
with you the best that
good taste can select.



Plain - - Cork
or Straw Tips



ORIGINAL

MELACHRINO

"The one cigarette sold the world over"

HOUSE & GARDEN



January-1925

35 cts-3.50 a year

The CONDÉ NAST PUBLICATIONS Inc.

Interesting Furniture in This Issue



JELL-O *America's most famous dessert*

WITH the dessert, the dinner reaches its climax. Formerly, rich pastries, heavy puddings and confections composed this course. All these were, no doubt, very delicious, but bad for the digestion.

However, customs change—there arose a demand for a light, nourishing sweet,

simple and easy to prepare, yet forming a tempting dessert.

All this we get in JELL-O. Made from purest gelatin, cane sugar and fruit juices, containing only healthful ingredients, it is the best and safest dessert for children.

Our recipe book contains many delightful suggestions for serving Jell-O. Write us for it.

THE JELL-O COMPANY Inc.



LE ROY~NEW YORK

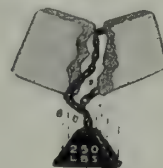
© 1914 by The Jell-O Company, Inc.



Res. of James Gilmore, Esq., Reg. Arch. Cincinnati, Ohio, Bishopric Ivoral Cream Stucco over Bishopric Base on all exteriors.

Stucco walls of greater strength

Ordinary Stucco



Bishopric Stucco



The enormous tensile strength of Bishopric Stucco is illustrated here. This is just one of the Bishopric guarantees of permanence on the wall.

How Bishopric provides lasting beauty and protection for your home

Rare beauty of shade and texture, with permanent protection from the elements are exclusive Bishopric qualities that are being appreciated more and more by those interested in home-building. BISHOPRIC is a super-stucco with greatly increased strength, thus providing durability and protection so vital to every building, whether it be large or small. In Bishopric only can be obtained the wide variety of beautiful shades and textures now demanded by those who appreciate the best. With Bishopric, beauty and protection go hand in hand.

Tensile strength tests show BISHOPRIC far superior to other stuccoes.

BISHOPRIC is fireproof, magnesia rock used is the same as that used to line furnaces and smelters — Tremendous heat has no effect on it.

BISHOPRIC is thoroughly water-proofed by a secret process shutting out moisture, cold, heat, wind and vermin.

BISHOPRIC Insulation Qualities are practically perfect, retarding heat and cold, eliminating objectionable noises.

BISHOPRIC requires no painting or renewing—A wall built to stand for generations.

In mansion or bungalow, Bishopric Stucco has a place, whether laid over stately lines or designed after those quaint cottage effects, now so popular.

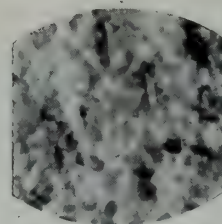
Bishopric Stucco endures in every clime, retaining its strength and original color in temperatures of either extreme. Economical in original cost, negligible in upkeep, warm in winter and cool in summer, BISHOPRIC STUCCO over BISHOPRIC BASE not only wins friends but keeps them. And no wonder, for it yields itself to any form and endures from generation unto generation.

An interesting booklet, "Bishopric For All Time and Clime," illustrated with photographs of beautiful houses built with Bishopric Stucco, plaster and sheathing units will be mailed you Free.

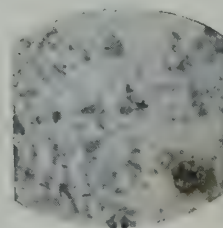
Bishopric is Sold by Dealers Everywhere

The BISHOPRIC MANUFACTURING CO.
709 ESTE AVE. CINCINNATI, OHIO
NEW YORK CITY CINCINNATI OTTAWA, CANADA
The BISHOPRIC MFG. CO. OF CALIFORNIA
LOS ANGELES

Ordinary Stucco



The average stucco being marketed today is extremely porous and therefore NOT WATER-PROOF. Notice the spongy porous formation in this enlargement and compare the density of Bishopric shown below.



Bishopric Stucco

BISHOPRIC STUCCO *over* BISHOPRIC BASE

"A Complete Wall Unit for all Time and Clime"

An Indian once traded Manhattan Island for A STRING OF RED BEAD

An Indian once swapped Manhattan Island for a string of red beads. ☞ Not so long ago a fellow in Texas traded a great tract of now priceless oil land for a span of gray mules. ☞ And last year a lot of smart people paid \$1000, \$2000 — even \$3000, more for a closed car than an open car of the same make would have cost them. ☞ These are historical facts.



AS long as people knew very little about downtown New York real estate, or oil land, or Closed Cars — great *unconscious* economic losses were sustained.

Today, you couldn't get very far in New York on a string of red beads. The owners of the oil land probably aren't scanning the market pages for quotations on gray mules.

And after people see the New Marmon Standard Sedan *at only \$130* more than the open car, getting a fictitious price for any closed car is going to be a tough selling job.

People have begun to figure how much more it *really should* cost to make a *closed car*. When people begin to figure, they ask questions. And when they begin to ask questions — *something always happens!*

The people's own common sense tells them that it shouldn't cost a great deal more to make a *genuine sedan* than it costs to make an open car — and they are ready to fight their case out to a finish on every *Automobile Row*.

As soon as people learn to count to "*twelve*" — all the scientific salesmanship in the world, advertising and midnight conferences, can never sell *eleven* eggs to the *dozen*. The people are

awake now, and they are simply *not* going to pay any *inflated* difference for closed cars.

In the *fine* car field, Marmon is probably not the first to *recognize* this situation

— but Marmon is unquestionably the first to *meet* it.

Marmon has adhered rigidly to *genuine closed car design* with four [4] doors, and produced a *sumptuous Standard Sedan* — a *Marmon Sedan*

— on the famous standard 136-inch wheelbase Marmon chassis

— with the famous Marmon *six-cylinder* engine — *at only \$130* more than a Marmon *open car*; and Marmon open car values have always been recognized as sound and fair.

Such a feat in manufacturing alertness and skill bodes well for the *New Marmon Program*.

Uppermost in the minds of everyone is that relentless standard of *value measurement* — the never-changing diameter of a dollar — and the stubborn determination to get the *most* for the *money*.

It is a striking commentary on the native intelligence of the American people, and their sense of values, that today the Marmon factory is busier than at any time in its history — building in volume these new Standard Sedans *at practically open car price*.

NORDYKE & MARMON COMPANY, *Established 1851*, INDIANAPOLIS, INDIANA

The NEW MARMON

"It's a Great Automobile"

NEW MARMON STANDARD SEDAN, *only \$130 more than an open car*

BUILD THE NATION SECURELY WITH

INDIANA LIMESTONE

THE NATION'S BUILDING STONE

Interesting Facts About INDIANA LIMESTONE

Number One

Thirty million years ago in southern Indiana a vast ocean was lashing onto its shores billions of minute shell-bearing animals, shell fragments and other marine substances. Today in this district, throughout an area 40 miles long and 5 miles wide, underlying Lawrence and Monroe Counties, huge cranes are lifting enormous blocks of building stone from the world-famous Indiana Limestone quarries. Under a microscope this stone shows the tiny shells of the prehistoric deposit.

BUNGALOWS are friendly, snug little houses into whose society the bungalow built of limestone is an interesting new-comer. It has an air of substantial comfort and deep-rooted permanency that make it distinctive.

Rock-faced Indiana Limestone laid up in random style, as illustrated in the photograph below, is most effective in small house construction. It produces walls that have an unusual patterned effect.

It is most often used as a veneer for a stud frame construction, in which case it is as entirely satisfactory as if the entire thickness of the wall were built of stone, and is lower in cost, being only slightly in excess of that of less durable materials.

A Portfolio of designs of Indiana Limestone houses will be sent upon receipt of 50c. Address, Indiana Limestone Quarrymen's Association, Box 782, Bedford, Indiana.

In this bungalow the added cost of stone facing over a facing of brick work was found to increase the cost of the house a little under 6%.





An Enduring Favorite

EMBOSSSED Queensware, first made by Josiah Wedgwood about 1770, long has been a favorite with those who delight in beautiful things for the home. The graceful shapes of the pieces, following the classical in design, the warmth of texture of the softly lustrous body, and the delicate tracery of the embossing—applied by hand—combine to give

this ware a charm and individuality which is quite irresistible.

Developed in two color combinations—cream on cream and blue on cream—this ware may be had either in the complete dinner service, or in a wide variety of single pieces. For gift purposes Embossed Queensware is unsurpassed.

Our illustrated booklet "C" will be sent upon request

Mark on China



WEDGWOOD

Josiah Wedgwood & Sons, Inc.
OF AMERICA

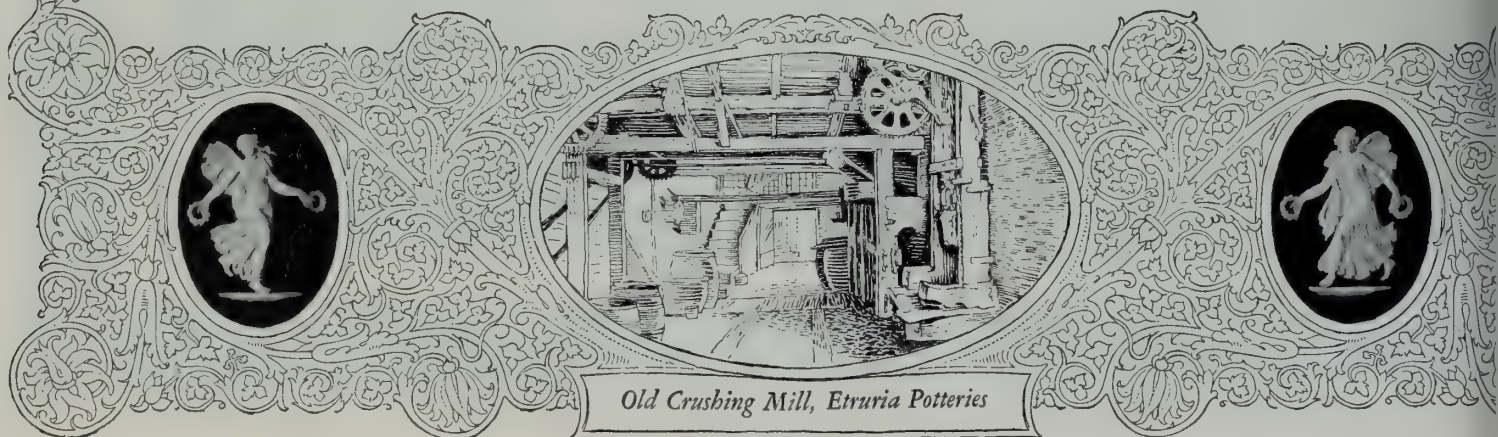
255 FIFTH AVENUE • NEW YORK

WHOLESALE ONLY

Potteries: Etruria, Stoke-on-Trent, England

Mark on
Jasper, Basalt,
Queen's Ware, Etc.

WEDGWOOD



Old Crushing Mill, Etruria Potteries

COLLECTORS' PIECES AND REPRODUCTIONS are presented in Macy's Midwinter Furniture Sale



A gay little hallway provides an appropriate setting for the lowboy, beloved of collectors. In old maple, \$98.50.



Among the reproductions is this draw leaf table in maple, \$76.50. The reproductions of Old Shaker chairs, in elm and cherry, are \$9.84 each



Ladies' tambour desk (insert), \$248.



Indicative of the pieces offered in the new section of Collector's Furniture is this maple bed with curly maple posts, \$109. The maple highboy and pine chest are \$248 and \$46.50, respectively. Curly maple desk, \$187.

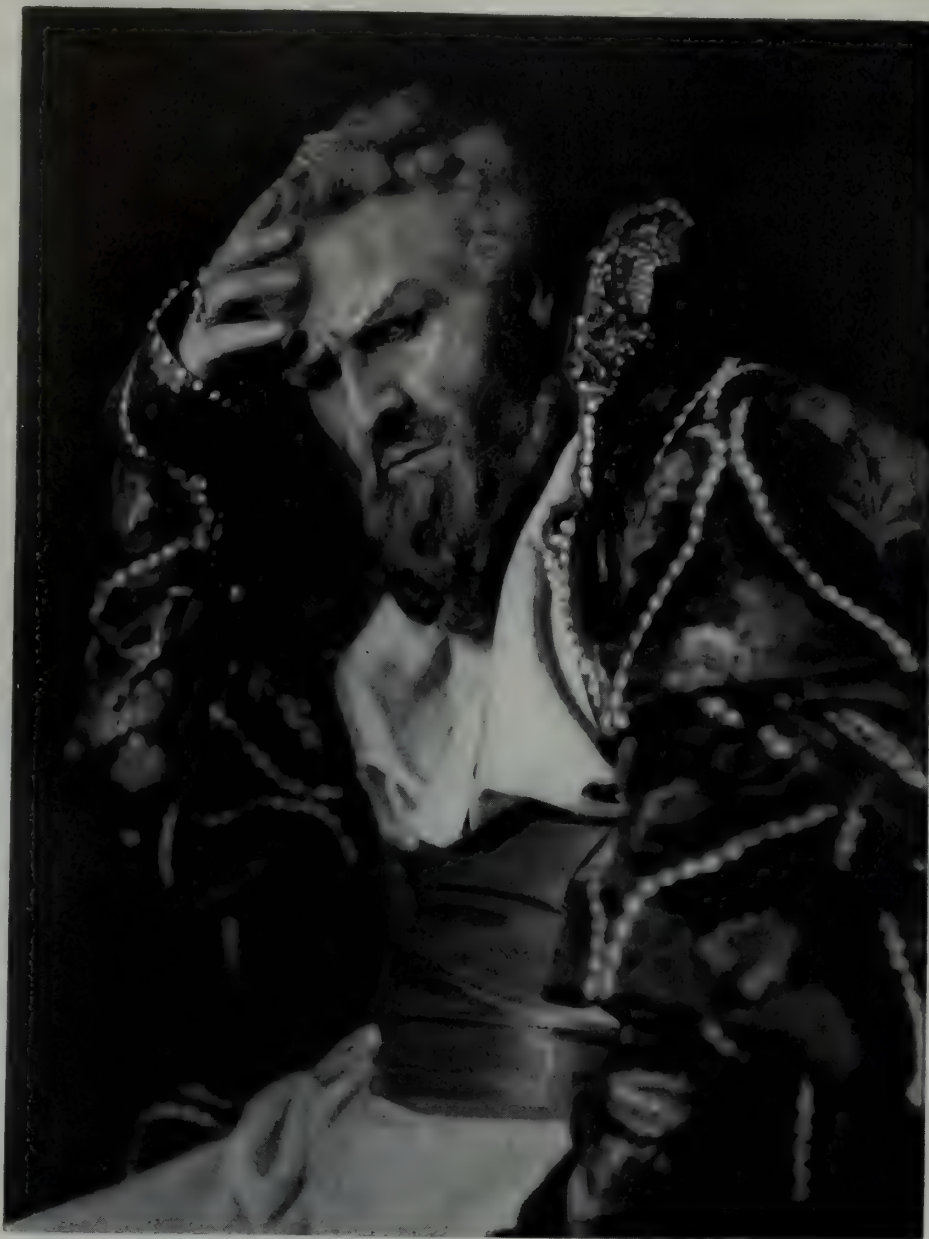
The accessories and hooked rugs shown here are from "The Corner Shop," also on the seventh floor.

TO ANSWER the increasing demand for furniture that has the mellowness and charm of age, Macy's has opened a section devoted to furniture made of old wood. Some of the pieces in this section are originals which have been restored, others are exact copies of early work, made in cabinet shops of today from wood, toned and enriched by time. And just now when Colonial pieces are so desired, your attention is particularly called to these collectors' pieces in old pine, old maple, and curly maple—consisting of highboys, chests, bureaus, beds, etc.

There are also offered in this sale many true reproductions, which are faithful to the originals in every detail as well as in the spirit in which they are rendered.

These pieces are offered at Macy's lowest-in-the-city prices. A brilliant example is the genuine copy of an old Pennsylvania Shaker chair shown here. Of elm or cherry, and covered in old fashioned calicos, it costs only \$9.84.

R. H. Macy & Co.
34th ST & BROADWAY Inc NEW YORK CITY



© Mishkin

Whenever Chaliapin, Rosa Raisa or Giacomo Rimini—stars of the Chicago Civic Opera—sing with piano accompaniment, the piano is a Baldwin. For the Baldwin has been selected as the official piano for the artists of the Chicago Civic Opera Company. That loveliness and purity of tone which appeals to every exacting musician is found in all Baldwins; alike in the Concert Grand, in the smaller Grands, in the Uprights, and in the Reproducing Pianos. The history of the Baldwin is the history of an ideal.

CHALIAPIN
as
BORIS GODUNOFF
with
THE CHICAGO
CIVIC OPERA COMPANY

"I have chosen the Baldwin Piano in preference to others, because I find it the most admirably suited to my accompaniment."

Chaliapin

Baldwin

A request by mail to the nearest Baldwin show rooms, as listed below, will bring you complete information regarding models and prices

THE BALDWIN PIANO COMPANY

CINCINNATI

CHICAGO

NEW YORK

INDIANAPOLIS

LOUISVILLE

ST. LOUIS

DENVER

SAN FRANCISCO

DALLAS



IN THE LIBRARY OF THE HOME INTERIORS, LEADED WINDOWS ARE HUNG WITH GOLD GAUZE AND HANGINGS OF RED ANTIQUE SATIN

Window Treatments

That Are Guides to Good Taste

Charm—personality—that elusive quality of windows decorated in good taste, is found in the six new rooms on the Sixth Floor, known as the *Home Interiors*. In each room a different type of window decorated with fabrics from our Drapery Department, suggests the most modern and attractive ideas in window treatments.

SIXTH FLOOR

Lord & Taylor

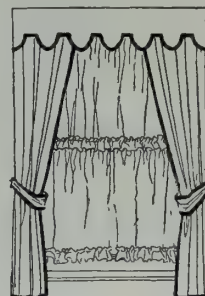
FIFTH AVENUE : NEW YORK



Gay glazed chintz blinds in the sunroom contrast with hangings of plain casement cloth in natural color.



An old Chelsea pattern is charmingly conceived in these English hand-blocked linen hangings over silk gauze, in the living room.



In the bedroom, cheerful buttercup yellow is the color of the glazed chintz hangings and tiebacks, banded with mulberry taffeta.



Both color and dignity are achieved in the dining room with lavender striped damask hangings and valance over mauve sunfast silk net.

HOME INTERIORS
SIXTH FLOOR

T H I S I S A S T U D E B A K E R Y E



ABOVE all things, it is a car to meet precisely the wishes of the cultured. Long lined, stylish, *debonnaire*, it strikes the happy medium between dignity and smartness, with good taste.

Lavishly equipped, its every accessory is expressive of luxury. Every blend of color, fitting and upholstery is expressive of simplicity.

Powerful, instantly alert to slightest touch

of accelerator or wheel, incredibly silent at all speeds, it marks those things you most desire in a motor car.

Low price, due to Studebaker's uniquely fortunate manufacturing facilities, is its only contrasting feature.

The new Studebaker Big Six Sedan is priced at \$2785, f. o. b. factory. There are fifteen new Studebakers, ranging in price from \$1125 to \$2860.

S T U D E B A K E R

An Amazing Success!

The Encyclopædia Britannica

in the New Form

at nearly **HALF** the **PRICE**
of the famous Cambridge issue

THE publication of the Encyclopædia Britannica in the New Form at a sweeping reduction in price has proved an amazing success.

Within a very few months 20,000 sets were sold. This tremendous demand completely exhausted the first two printings. As a result we were forced to order a new printing early last December, and the first sets have now come from our presses.

46% Saving

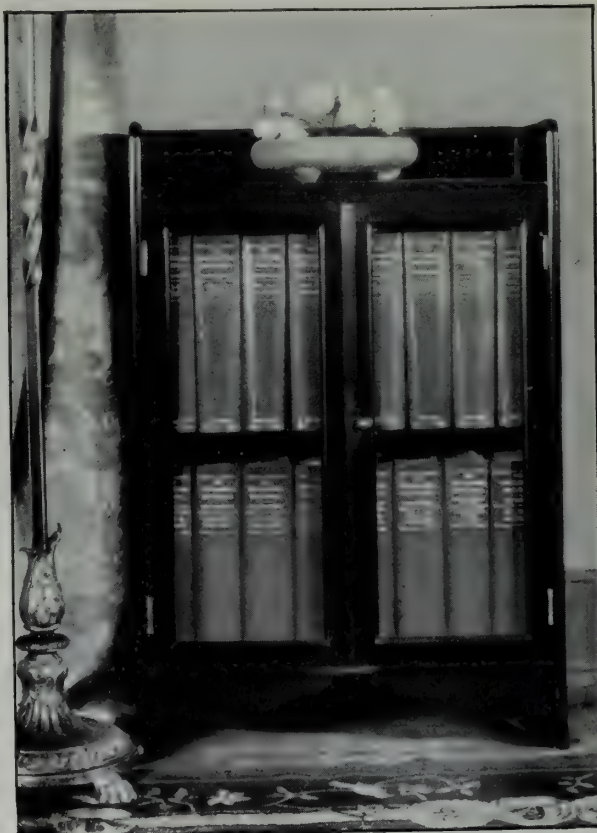
Today, therefore, we can again offer the large page, large type Britannica, complete and latest edition, *at a price reduction of 46 per cent!* This will be good news to all who failed to order in time to obtain one of the sets of the last printing.

It is news of the utmost importance to you and to thousands who have said, "Some day I will own the Encyclopædia Britannica."

It means that you have the opportunity, if you act promptly, of obtaining this wonderful set of books, together with a handsome free bookcase, at a price so low that every person, no matter what his circumstances, can afford it.

Everyone can now own the Britannica

It is no wonder that the Britannica in the New Form has made a sensation. There is no work of reference to compare with it as a source of authoritative information—yet the Britannica in the New Form costs less than others. The unprecedented success of the New Form is proof that here at last is the ideal Britannica.



This Beautiful Bookcase Free

This beautiful bookcase, in mahogany finish, especially designed by Maple & Co. of London, will be given free with each set in the New Form while this offer lasts.

Contents identical with issues selling for twice as much

These are the big features which make the New Form so popular:

- 1—The large, clear type—printed from the plates of the famous Cambridge issue, on clear white opaque paper, thin but durable.
- 2—Handsome appearance of the 16 double volumes bound in green cloth or half-morocco.
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- 4—Saving of 46% in price as compared with the celebrated Cambridge issue.
- 5—Easy-payment plan, by which you can have a set delivered to your home for an initial payment of only \$5.

Do you own a radio set, a phonograph, a typewriter or a washing machine? Any one of these things costs more than the Britannica in the New Form at the present sweeping reduction in price. And you can obtain this great set of books for a first payment of only \$5, paying the balance in small monthly amounts.

The Britannica in the New Form is the newest and latest issue, containing not only a full and authoritative account of the World War and its momentous consequences, but all the latest developments in industry, art, science, invention, etc. It contains 49,000,000 words, 33,000 pages and 15,600 illustrations.

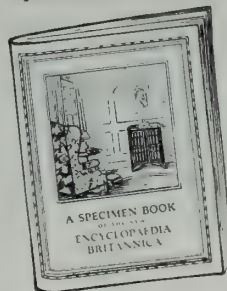
Our third printing cannot last very long, and it is impossible for us to keep pace with the demand. We offer you the opportunity to obtain your set *now*.

Write for free booklet

It tells all about the Britannica in the New Form, reproduces a number

of specimen pages (many in color), explains easy

terms of payment, and tells how our experts made possible such an amazing reduction in price. 56 pages of interesting reading! Free on request if you mail the coupon promptly.



Mail this coupon today!

THE ENCYCLOPÆDIA BRITANNICA, Inc.
342 Madison Avenue, New York **HG1-A**

Please send me, without cost or obligation, a copy of your 56-page book describing the Encyclopædia Britannica in the New Form at the special 46 per cent saving and full details of your easy plan of payment.

Name.....

Address.....



The lace-like etching of the Orient design adds loveliness to the grace of the pitcher, goblet and finger bowl (with plate) shown here. Every piece of glassware leaves our factory bearing this brown and white label.



Fostoria

FINE CRYSTAL AND DECORATED GLASSWARE

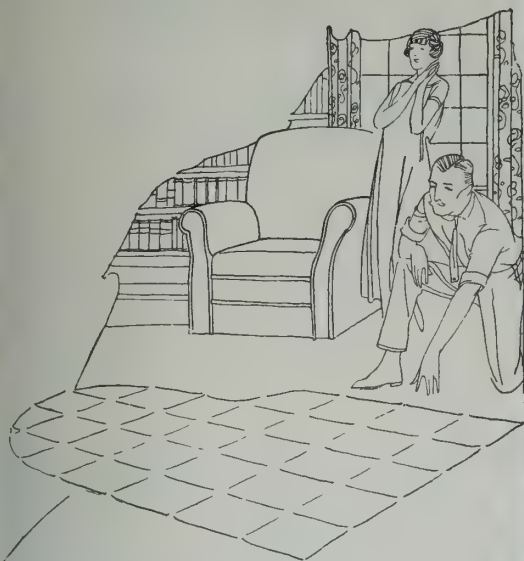
LET the shining magic of crystal give radiance to your table. . . . Choose from the wealth of new Fostoria designs a style that suits your taste and your table service exactly. You may like the richness of the gold-encrusted ware. You may prefer the formal grace of the hand-blown etched crystal. The wondrous lights of the iridescent glass may appeal to you; or clear green, gay amber, or canary-colored glass may please your fancy. . . . From time to time you can add to your Fostoria set. Salad plates and a salad bowl, perhaps. Compotes, nappies, bonbon dishes can be perfectly in keeping with the rest of your service. . . . You will find Fostoria in the finest shops at prices that are reasonable. In "The Little Book About Glassware," Fostoria tells you secrets of table decoration and gives you precious information as to what is absolutely correct in glassware service. Send for this book today. Address The Fostoria Glass Company, Moundsville, W. Va.

Superb in tone, cased by craftsmen—yet low in price

FOR 102 YEARS, it has been the ideal of Brambach's makers to produce the finest moderately priced grand piano made. Today, the result of this effort is plainly evident . . . a grand of exquisite lines, and with a surpassing beauty and resonance of tone.

The Brambach Baby Grand has that unmistakable atmosphere which only a grand can give. And even the smallest home can have it, for a Brambach needs no more space than an upright.

We will gladly mail you a free paper pattern showing how very little space is required. A Brambach will be placed in your home upon the smallest possible payment; the balance on terms surprisingly small. Just send the coupon to us today.



BRAMBACH BABY GRAND

\$635 *and up*
f.o.b. N.Y.

BRAMBACH PIANO CO.
Mark P. Campbell, Pres.
613 W. 51st Street, N. Y. City

Please send me paper pattern
showing size of the Brambach
Baby Grand.

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Address _____

Now is the time to make repair



This is the logical time to make repairs and alterations.

Winter weather conditions have relieved the stress of new building; contractors can give their attention to your needs; labor is plentiful.

The ideal wall and ceiling material for repairs and remodeling is Sheetrock, the fireproof wallboard. It is economical. It is permanent.

Use Sheetrock to ceil the attic, make partitions, line the basement and the garage, make weather-tight, draft-proof, insulating walls and ceilings in any building.

This gypsum wallboard is unaffected by freezing cold or damp. It is easy to erect in any weather—saws and nails like lumber—comes in broad, high sheets that are factory cast and all ready for use—needs only to be nailed to the joists or studding to make rigid, non-warping, fireproof walls and ceilings.

Sheetrock is made only by the United States Gypsum Company. Your dealer in lumber or building supplies sells it.

Write us about your plans for repairs or new construction, and we will send you a sample of Sheetrock and a free copy of 'Walls of Worth,' showing its many economical uses.

Sheetrock is inspected and approved as an effective barrier to fire by the Underwriters' Laboratories, Inc.

UNITED STATES GYPSUM COMPANY

General Offices: 207 West Monroe Street, Chicago, Illinois

SHEETROCK

The FIREPROOF WALLBOARD

Reg. U. S. Pat. Off.

PROTECTION

ector pipes, gutters and roofing made from
Head Zinc protect the structure of which
become a part. Every thinking owner insures
buildings against destruction by fire—yet rust
e three times as much damage yearly as fire
lightning combined. Horse Head Zinc can-
rst.

ere is no more permanent metal for roofing
roofing accessories than Horse Head Zinc.
he cheapest of all permanent metals in first
ad the cheapest of all metals, permanent or
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New Jersey Zinc Company

Established 1848

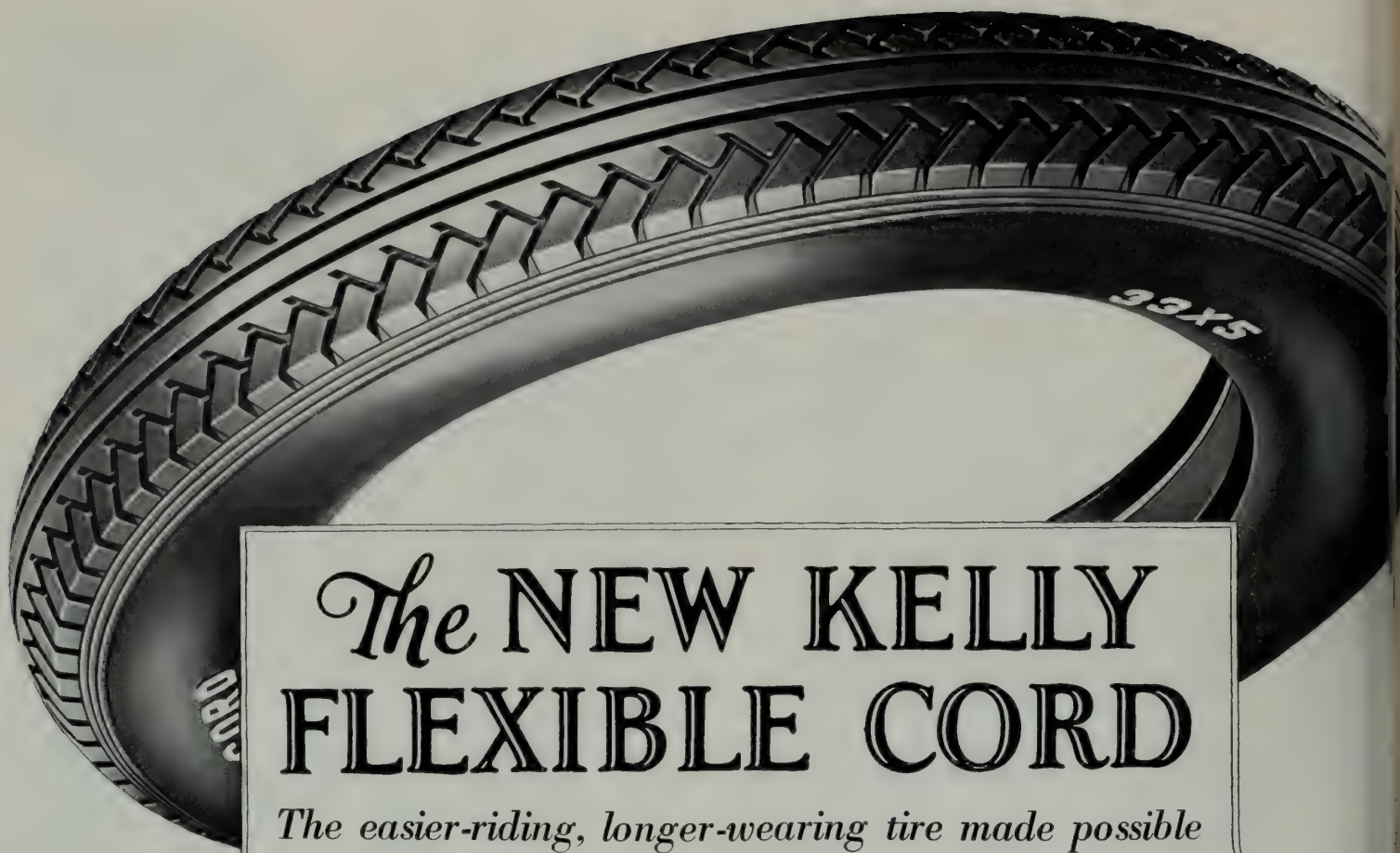
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The NEW KELLY FLEXIBLE CORD

*The easier-riding, longer-wearing tire made possible
by the KELLY Integral Bead construction*

After many months of experiment and testing, Kelly-Springfield has perfected and is now building a new cord tire which it honestly believes is the best tire that has ever borne the Kelly name.

The new Kelly Cord is more flexible than any previous cord tire. The Integral Bead construction not only makes the carcass of the tire more flexible but makes it possible to use a flexible tread.

Because both carcass and tread are flexible, the tire is easier-riding.

Because the tread is tough and rugged and the construction of the tire such that

it absorbs road shocks instead of resisting them, it is longer lived.

It is economical, not alone because of its wearing qualities but also because the tread is so scientifically designed that it affords a maximum of traction and non-skid protection with a minimum loss of engine horsepower.

The Kelly Flexible Cord is a real step forward in tire design and construction. It offers to the car-owner a combination of comfort and mileage that it has hitherto been impossible for him to obtain.

For sale wherever there is a Kelly dealer.

The new KELLY way

By the use of an entirely new and radically different process of manufacture, used only by Kelly, the bead is formed by enclosing strips of insulated braided wire in the loops formed by the cords, which, instead of extending merely from bead to bead as in the ordinary construction, are continuous, from the beginning of the inner ply to the end of the outer. Thus the bead is actually a part of the tire from the first,

instead of being set into it later and held in by adhesion.

The cords are not cut off at the beads, but are continuous and are built in at an absolutely uniform tension, so that the tire naturally has more "give" and flexibility. The bead cannot break out or separate, and since there is no stiffening of that part of the sidewall nearest the rim, a source of possible trouble is removed.

We cannot emphasize too strongly the fact that this new construction is not a mere "selling point," but is a real advance in tire building that means a definite and tangible value to the tire user.



KELLY-SPRINGFIELD TIRE CO.

250 WEST 57th ST.
NEW YORK, N.Y.



You'll Find that Steel Window Beauty Is a Matter of Choice—Not of Price

"I've always wanted English Casements with their attractive narrow bars and small panes, but I thought the cost was prohibitive. My contractor used Fenestra throughout my new home and they actually cost less than wood."

The Owner of a Fenestra Home

Fenestra Basement Windows

Of course you'll want a bright basement. These solid steel windows admit as much as 80% more light and air than wood windows. They are more secure against fire and intruders, they cannot warp or stick and they last as long as the building.

Fenestra Utility Windows

And you can have steel windows in your garage. These improved steel windows have a wide, easily operated ventilator that allows dangerous gases to escape, insuring safe ventilation. Their broad panes admit far more light than wood windows of the same size. They are fire-resistant and more secure, yet their cost is surprisingly low.

POSSIBLY you too have always thought that the beautiful English Casements you so often see in the larger types of homes would greatly increase your building cost.

Like many home builders you've admired them, you've instantly sensed the architectural beauty they add to any home but because of your belief that the cost was too high, due largely to their attractiveness, you've never considered steel windows seriously. Isn't that true?

And it's not surprising because steel windows with their extra beauty, extra

durability and extra usefulness did cost more a few years ago. But that isn't so today. Fenestra has retained all the beauty, all the durability, all the advantages of the old English Casement and through modern manufacturing methods has reduced the cost to the point where you can have steel windows throughout your home at little if any greater cost than wood.

Let us tell you more about steel windows and how easily you can have them in your new home.

DETROIT STEEL PRODUCTS COMPANY
H. G. C-2256 East Grand Blvd. Detroit, Mich.

Fenestra

for homes and apartments
schools and institutions
commercial buildings
all industrial structures

The hidden comfort



Now the simplest house can have it ¶ A story we have waited three years to tell ¶

THOSE who live in costly homes have, for years, enjoyed a comfort others have been obliged to do without.

A cosy warmth in winter and pleasant coolness in summer that thick walls and tiled roofs alone cannot explain.

A peaceful quiet that deep, soft rugs alone cannot produce.

People in these homes live better, happier lives. They sleep better—no rooms are ever hot on summer nights. Their health is better—temperatures in every corner of the house are always even, and there are no draughts. Their nerves are steadier because their homes are quieter.

What is the secret? It lies hidden in the method of construction—something that hitherto few have been able to afford.

But now, for the first time, the simplest home can have it. Now

home building methods have been completely revolutionized and wholly new standards of comfort and healthfulness established. That is why we say this is the most important building story ever told.

The hidden factor

The thing that gives expensive homes this greater comfort is known to architects and engineers as insulation—heat insulation.

Its principle has long been known. Modern science has evolved insulation of high efficiency. Your ice-box is insulated to keep heat out. Your thermos bottle is insulated to keep heat either in or out.

Insulation, in a word, is a means of stopping the passage of heat waves.

Ordinary building materials, such as wood, brick and stucco, cannot do this; they have little insulating value. Heat waves pass through them just as radiowaves do.

Scientific tests have proved that from one-fourth to one-third of the heat generated to warm an ordinary house is lost through the solid walls and roof. You can see this by noting how much quicker the snow melts on the roof of an occupied house, due to escaping heat, than it does on an unoccupied, unheated one.

To stop this waste, to gain a greater year-round comfort and healthfulness, architects have for years put inside the walls of costly homes certain insulating materials.

But these materials have always represented an extra cost—something to be had by only the few who could afford them.

The story we have waited three years to tell

Then, three years ago, we put upon the market Celotex, the first insulating lumber the world had ever seen.

For the first time it became possible to build a completely insulated house practically without extra cost. Into the simplest home could at last be built the comforts of the finest mansion.

In these three years thousands of home builders in every part of the United States and in many foreign countries—in warm and cold climates alike—have found comfort and protection against torrid summer or winter blast in Celotex homes. It has completely demonstrated its amazing qualities. Wherever home builders learn of it, the old style leaking home begins to disappear and the new type Celotex home takes its place.

Read the remarkable story of Celotex on the opposite page—the industrial romance of its discovery, how it is used, and how it enables you to get, a new degree of comfort in the home you build or buy.

of costly homes

CELOTEX is not merely a new type of insulation. It is a wholly new and different material—a material different from any other made, grown or mined.

Celotex became a reality when years of scientific research ended in the discovery of the remarkable qualities of a cane fibre—one of the longest and toughest fibres known in any tree in the world.

Today gigantic machines, a thousand in length, run day and night, fabricating from this bagasse fibre endless strong, rugged lumber. It contains billions of invisible, sealed cells, the best of all insulating materials known to science. It comes in broad, clean boards, the most remarkable building material yet upon the market.

Only in Celotex— the three advantages combined

Celotex has, first of all, insulation value equal or superior to any insulating material hitherto known. Celotex used on exterior walls is equal, as compared to three and one-third inches of solid wood, twelve inches of plaster, twelve inches of solid brick or twenty-four inches of solid concrete.

Celotex is a sound absorbing co-efficient material, placing it high among the most effective materials for absorbing sound.

When combined with these qualities, Celotex has what no other insulating material possesses. It has many times the structural strength of the wood lumber it replaces.

How Celotex is used

You use Celotex on the outside walls of your house and under the roof in place of the rough lumber known as sheathing. Test after test by unquestioned authorities has proved that a wall sheathed with Celotex is several times stronger and more rigid than one as ordinarily sheathed with lumber.

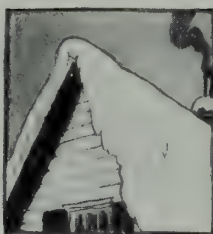
This use of Celotex gives you heat-insulation without extra cost.

You use Celotex in place of lath, as a plaster base. Plaster bonds with Celotex.



Snow upon the roof of an uninsulated house when occupied melts rapidly due to the heat escaping through the materials from which the roof is built.

Snow upon the roof of an unoccupied house stays much longer, because there is no escaping heat underneath to melt it.



Celotex and produces a wall many times stronger than one made of plaster and lath. And a wall less likely to crack.

This use of Celotex also gives you heat-insulation practically without extra cost.

Build this extra comfort into your home

Thus, it is seen, Celotex brings to your home a larger measure of comfort at practically no additional expenditure.

It is not an added building expense, as was the old type of heat-insulation.

Wherever used, Celotex replaces and saves the cost of wood lumber and any other form of insulation. And so superior is it in insulating value and structural strength that it is being used everywhere today in many of the most expensive of homes.

Your house, built with Celotex, will be warm and snug on the coldest days. There will be no "cold rooms" or "cold sides" when the wind blows from certain quarters. An even, healthful temperature will be easy to maintain. And your fuel bills will be cut approximately one-third.

In summer your home will be delightfully cool. A peaceful, dignified quiet will pervade it. In it you and your family will find life better.

Whether you are going to build or buy a house see that Celotex is used and have these comforts which only costly homes have had before. Build your home in accordance with the new standards of construction and insist upon them when buying a new home built by others. Guarantee the present comfort and the future resale value of your

home—with Celotex. Write us for additional information on the value of insulation and how to use Celotex to secure it. Fill out and mail the coupon—now.

THE CELOTEX COMPANY

645 No. Michigan Ave.

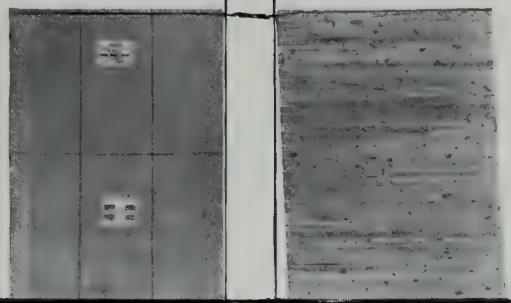
Chicago, Illinois

Branch offices:

(See telephone book for addresses)

New York	Chicago	Philadelphia
Boston	Pittsburgh	Cleveland
Washington	Detroit	Milwaukee
St. Louis	Kansas City	Indianapolis
Minneapolis	St. Paul	New Orleans
Dallas	Denver	Salt Lake City
Los Angeles	San Francisco	Seattle
Portland		London (Eng.)

DEALERS: This is the first of a series of double-page advertisements that will carry the story of Celotex to the home-builders of your community. The rapidly growing demand for Celotex offers you a valuable sales opportunity. Write or wire for details of the Celotex proposition to dealers.



These pictures illustrate the results of a test made by the engineering laboratories of Robert W. Hunt & Company to determine the relative strength of Celotex and wood as sheathing. It was demonstrated that a wall sheathed with Celotex is several times as rigid as a wall as ordinarily sheathed with lumber.

At three-fifths of this pressure, frame sheathed with wood was racked more than eleven times as much as Celotex.

FACTS about CELOTEX

Celotex comes in stock sizes: Thickness, 7/16 of an inch; width, 4 feet; lengths, 8 feet, 8 1/2 feet, 9 feet, 9 1/2 feet, 10 feet, and 12 feet.

The weight of Celotex is about 60 pounds to the hundred square feet, making it easy to handle and economically applied.

Celotex is sawed like ordinary lumber and is nailed directly to all framing.

The great durability of Celotex permits it to be piled outside and handled, in every respect, just as wood lumber is handled.

Any type of exterior finish—siding, clapboards, stucco, brick veneer, etc.—is applied over Celotex in the same manner as over wood sheathing. Any kind of roofing can be laid over it.

Standard prepared gypsum plaster is applied directly to the surface of Celotex.

Celotex is waterproofed. It can be painted and used as an exterior finish.

Other CELOTEX Uses

Celotex has many uses other than in dwelling houses. Mail the coupon for full information on any of the following:

Interior wall finish—the beautiful fabric surface texture of Celotex makes it admirably suited for interior finish in many forms of beautiful wall treatment. It may be left in its pleasing natural finish, or painted, stained, or stenciled.

Industrial buildings—especially as roof insulation and to eliminate condensation of moisture.

Office buildings—for sound absorption.

Auditoriums, churches, schools, etc.—for acoustical correction.

Apartment buildings—for insulation, plaster base and sound absorption.

Small buildings—summer cottages, garages, etc.

Special farm uses—incubators, chicken houses, vegetable and fruit storage, stock barns, milk houses, potato warehouses, etc.

Attic insulation—in homes already built.

Refrigeration—refrigerators and cool rooms for the household or for stores and markets.

Refrigerator cars—Celotex is in use as insulation in more than 13,000 refrigerator cars.

Shipping boxes—Celotex is manufactured in a special thickness for this purpose.

A book of 25 homes for 50 cents

"Your Home," a book of 25 ideal small homes will be invaluable to you if you are building. Based on plans prepared by the Northwestern Division of the Architects' Small House Service Bureau of the United States, an organization of architects controlled by the American Institute of Architects and endorsed by the United States Department of Commerce. Contains block plans, perspectives, descriptions, landscape suggestions. Embodies the most advanced ideas in design, economy and convenience. Complete working plans, specifications and bills of materials for any house in this book can be obtained at low cost. To get "Your Home," enclose 50 cents in stamps with coupon below.



COUPON

THE CELOTEX COMPANY, Dept. 2
645 North Michigan Avenue
Chicago, Illinois

Put a cross in the square indicating the booklet desired.

- ☐ Please send me free of charge the booklet describing the general and special uses of Celotex.
- ☐ Please send me full information on the use of Celotex in

Enclosed is 50 cents in stamps for which please send me a copy of "Your Home."

Name

Address

CELOTEX

INSULATING LUMBER



Photo by Mott Studios

Walker & Eisen, Architects

Permanent Beauty

for MANSION or BUNGALOW

CALIFORNIA WHITE PINE
CALIFORNIA SUGAR PINE

A 200-year supply of these woods now stands in the region where our mills operate. Natural growth of standing timber, augmented by natural reproduction and reforestation, assures a supply of these valuable building woods for all time.

California White Pine and California Sugar Pine are naturally adapted to all forms of exterior construction and finish because of their soft texture, ability to "stay put," and the light, natural color of these woods.

They take paint easily and evenly, and hold it tenaciously. The glistening beauty of rounded porch columns! The immaculate charm of the inviting front entrance! The neat lines of window frames and sash flanked by blinds of contrasting color! The clean expanse of sidewalls with surrounding trim and cornice work! California Pines retain these color harmonies, unimpaired!

Because of the absence of pitch and resinous substances in these woods, the danger of paint discoloration from oils boiling out under the hot sun is eliminated. Their freedom from grain-raising assures a permanent mirror-smooth surface. And their light color permits the finest finish with fewer coats of paint.

The outside of the home is seen as a single unit. Yet hundreds of pieces of wood of many sizes and shapes form the exterior. Each piece must fit its mate exactly, and hold its place tightly through the years. Nails must hold firmly. Boards must not split. There must be no warping or shrinking to destroy the lines and form of the building. Soft-textured, even-grained California Pines cut and work easily, without splitting, and hold nails securely. Permanence of design is assured when these woods are used.

Here is lasting satisfaction for the home builder: woods that hold true through long service. The supply of these woods is ample. They may be obtained from lumber dealers everywhere.

CALIFORNIA WHITE PINE
CALIFORNIA SUGAR PINE

California Pines are used more than any other wood for doors, sash, millwork and interior finish. Millions of doors and window sash and frames of California Pines are annually installed in the homes of America. Send for our free illustrated booklet, "Pine Homes."

California WHITE & SUGAR PINE

Manufacturers Association

651 CALL BLDG., SAN FRANCISCO

Also producers of CALIFORNIA WHITE FIR

CALIFORNIA DOUGLAS FIR • CALIFORNIA INCENSE CEDAR

[BRILLIANT DIFFUSIVE BEAUTIFUL]

There are many
uses for
**TAPESTRY
GLASS**

CRATORS and architects are big Tapestry Glass to be extremely useful for many purposes. For pantry doors, for bookcases, for bookcase and cabinet doors, Tapestry Glass is now widely used in all kinds of buildings from modest homes to hospitals. Its irregular surface eliminates all glaring reflections and its semi-opaque quality permits objects to be recognized, while keeping them in the background.

Tapestry Glass is primarily indicated, however, for interior or exterior openings in residences, churches, schools or other buildings where clear brilliant light is necessary and privacy is desirable. It has all the purity and beauty of the finest plate glass but the surfaces of Tapestry



Tapestry Glass mitred to design for pantry doors. All shelves made of Plain Tapestry Glass

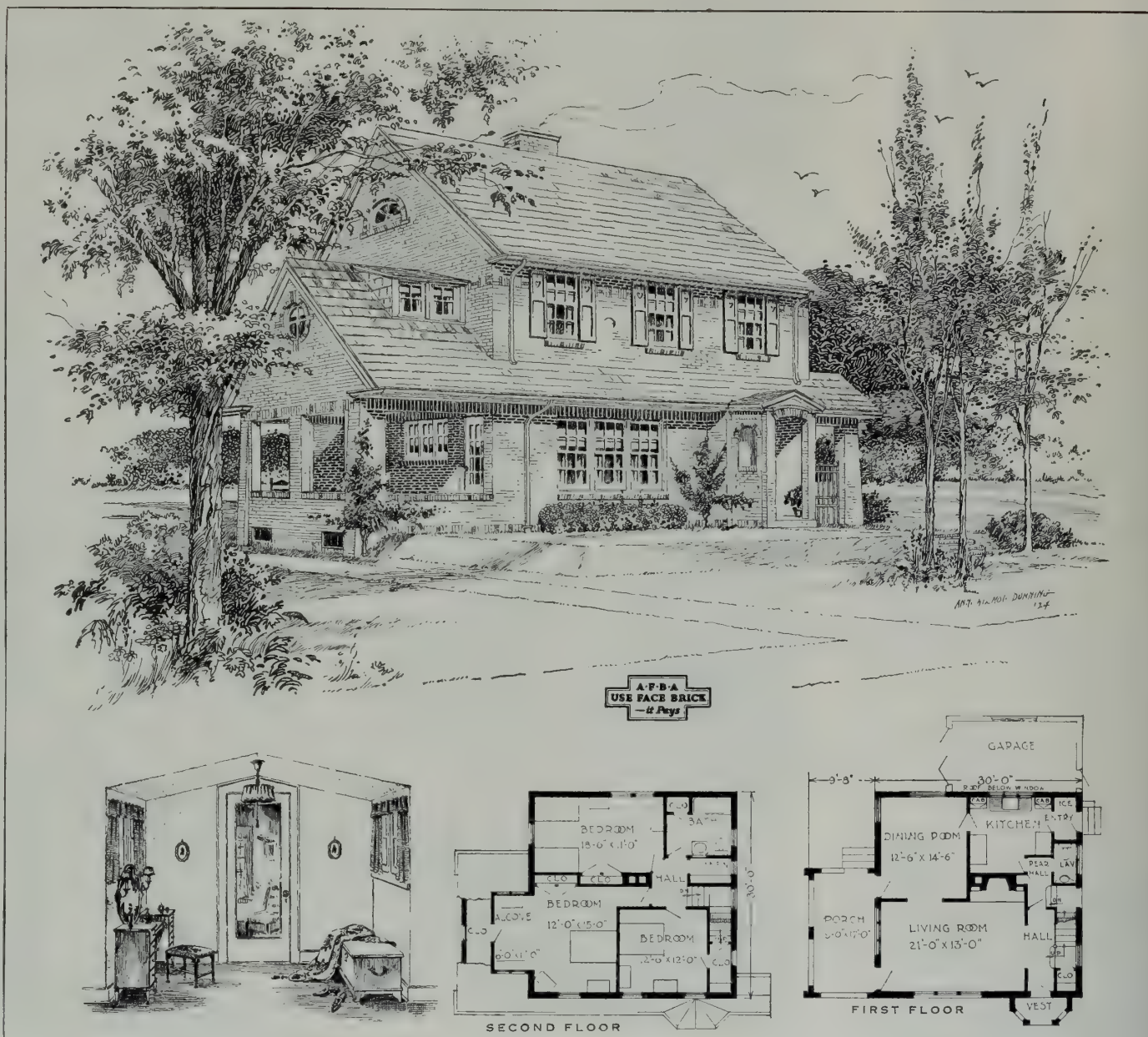
Glass are smoothly rounded and given a texture not unlike fine fabric. These surfaces obscure vision, break up direct rays of light and diffuse them in a brilliant flood.

Tapestry Glass may be inexpensively decorated by original designs to accord with any interior or exterior plan. These may be permanently chipped, ground or mitred upon the surface before installation. If de-

sired, opacity may be obtained by chipping or sand-blasting the entire surface of the glass, or the background of a simple design or pattern.

Home-owners and home-builders, architects, decorators and contractors should investigate the many possibilities of Tapestry Glass. Consult your glass dealer, or write for catalog and samples to the nearest office of the Pittsburgh Plate Glass Company.

PITTSBURGH PLATE GLASS CO.
GLASS VARNISH PAINT



SIX-ROOM HOUSE No. 635

Designed for Service Department, American Face Brick Association

This is one of the 104 attractive houses in our "Face Brick Bungalow and Small House Plans"

Is this question also in Your Mind?

MANY home-builders write us and say, "I should like to build a Face Brick house, but fear the cost is beyond my reach." To such we say, "Get the facts and you will find you can afford a Face Brick house. It is, in fact, the best home-building investment you can make."

The Face Brick house is higher in first cost than houses of less beautiful and less durable materials. A superior article always costs more than an inferior one. But the many savings in the Face Brick house—in depreciation, in repairs and upkeep, in insurance and fuel costs—after a few years more than wipe out the slightly higher initial cost. Just get a copy of "The Story of Brick" and see for yourself. Sent free on request.

"Face Brick Bungalow and Small House Plans" are issued in four booklets, showing 3 to 4-room houses, 5-room houses, 6-room houses and 7 to 8-room houses, in all 104, each reversible with different exterior design. These designs are unusual and distinctive, combined with convenient interiors and

economical construction. The entire set for one dollar. Any one of the booklets, 25 cents.

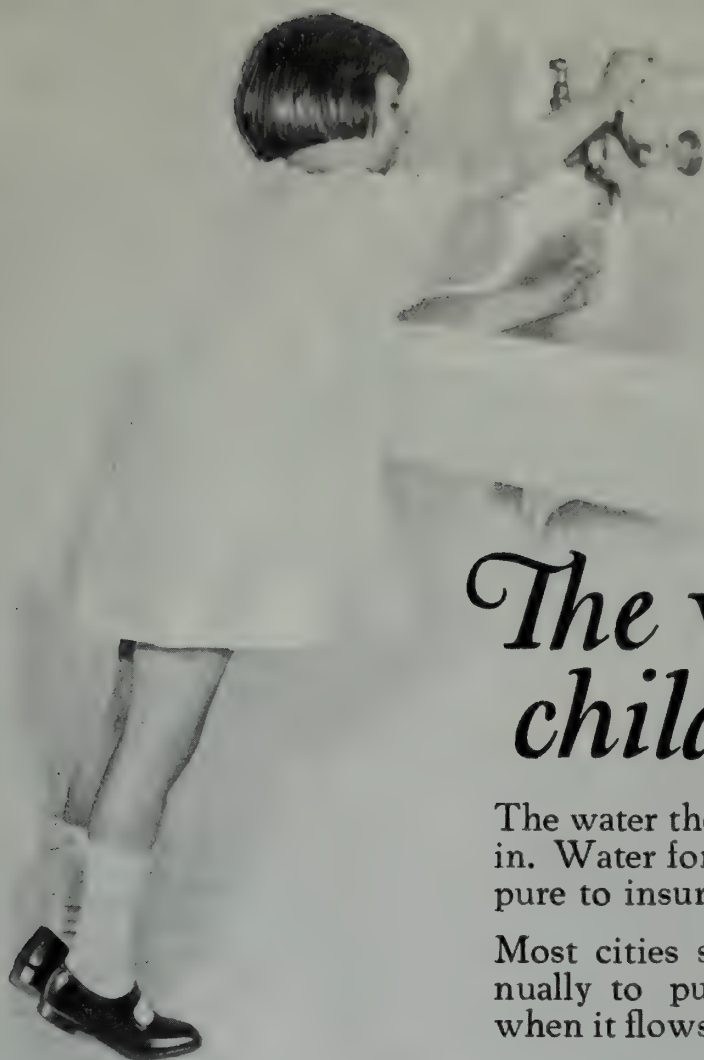
We have the complete working drawings, specifications, and masonry quantity estimates at nominal prices.

"The Home of Beauty" shows fifty two-story houses selected from 350 designs submitted by architects in a nationwide competition. Sent for 50 cents. Complete working drawings, specifications, and quantity estimates at nominal prices.

"The Home Fires," a most attractive fireplace book, with many designs, gives full directions for fireplace construction. Sent for 25 cents.

Perhaps you have a good old house to repaint or restucco. Better give it a permanent overcoat of beautiful Face Brick. It will last. Send for free booklet, "A New House for the Old." It will tell you all about it.

Address American Face Brick Association, 1721 Peoples Life Building, Chicago, Illinois.



The water your children drink

The water they drink. The water they bathe in. Water for cooking—it must be clean and pure to insure good health.

Most cities spend thousands of dollars annually to purify water. Is it just as pure when it flows from the tap?

Rust in plumbing pipe discolors water, making it unpleasant and uninviting.

Anaconda Brass Pipe cannot rust and will deliver a full flow of clear water as pure as at its source. It will remain—a hidden protector of your family's health and comfort—as long as your house stands.

Yet Anaconda Brass Pipe adds only about \$75 to the cost of a \$15,000 residence.

Let us send you our booklet "Ten Years Hence."

THE AMERICAN BRASS COMPANY

General Offices: Waterbury, Connecticut

Canadian Mill: Anaconda American Brass, Ltd.,
New Toronto, Ont.



Anaconda Copper, Brass and Bronze Products eliminate costly repairs and replacements in building construction because they do not rust.

Brass Pipe for water supply, Roofing Copper for gutters, leaders, etc., and Bronze Window Screens last indefinitely. They are cheapest in the long run.

ANACONDA BRASS PIPE

Installed by leading Plumbing Contractors everywhere

PERIOD MOTIFS

Expressed in Tiles

Developed by Associated Tile Manufacturers

THESE beautiful period motifs are correct, authentic, and in the true spirit of the periods which they represent.

They are based upon accurate historic precedent—developed by authorities in architectural history—and produced exclusively by the Associated factories whose names are given below.

Think of the satisfaction of having at once a Florentine chimney piece, a Venetian breakfast nook and a Dutch Colonial bath, all carried out in the colorful beauty of

ASSOCIATION TILES

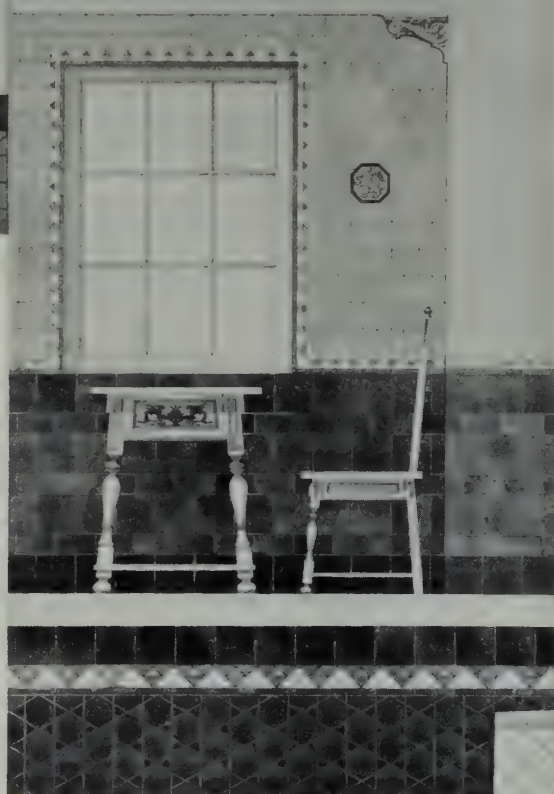
Period treatments such as these have a rare fascination and become permanent treasures as intimate as your furnishings. The designs are equally adaptable to small and large homes.

A beautiful Dutch Colonial Bath in blue, white and brown



A Florentine Chimney Piece in warm colors—a splendid adaptation of Italian Renaissance

Without the correct tiles it is impossible to duplicate these effects. Size, color, glaze and texture have been painstakingly selected to insure a correct and artistic result. To assure you of proper reproduction—with all the fine qualities which these original designs possess—we have prepared specifications and plates in full color.



A fine example of Italian Renaissance—a delightful Venetian Breakfast Nook



FREE

on Request

*Ask us
Anything
about
Tiles*

Deviation from our specification may destroy essential requisites of style. Therefore allow no substitution and deal with tile contractors who agree in writing to install the work in accordance with these specifications.

*Specifications and booklet free.
Color plates (the three shown here)
for 8 cents postage*

**ASSOCIATED TILE
MANUFACTURERS**

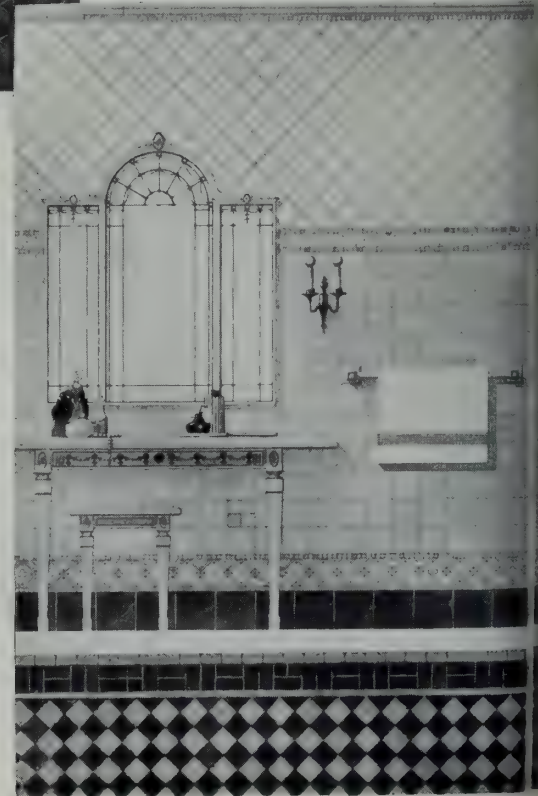
315 Seventh Avenue

Beaver Falls

Pennsylvania

**PRODUCERS OF BEAUTIFUL
TILES:**

The Alhambra Tile Co.	The Mosaic Tile Co.
American Encaustic Tiling Co., Ltd.	The National Tile Co.
Beaver Falls Art Tile Company	Old Bridge E. B. & Tile Company
The Cambridge Tile Mfg. Company	Perth Amboy Tile Works
Grueby Faience & Tile Company	The C. Pardee Works
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	Wheeling Tile Company



Capitol Boilers



Installation of Capitol Boilers in the Cascade Clubhouse of the Lake Placid Club.

It is another of the many notable tributes to the utter dependability of Capitol Boilers

in United States Radiators that they should have been installed by the celebrated Lake Placid Club, in the Adirondacks.

It is only natural that such a club, operating throughout the winter in the continuous, sharp cold of the Adirondacks should exercise extraordinary care in the



We shall be glad to send you an illustrated booklet which fully explains the modern idea in house heating.

choice of heating equipment. Your own architect or contractor will tell you that the

combination of Capitol Boilers and United States Radiators means unfailing heating satisfaction for years to come.

This absolute dependability is unquestionable, for it is guaranteed and backed by the United States Radiator Corporation and all its vast resources.

UNITED STATES RADIATOR CORPORATION

General Offices, Detroit, Michigan

Branch and Sales Offices

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| *Buffalo | *Columbus | *Chicago | *Louisville | *Kansas City |
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*Warehouse stocks carried at points indicated by star

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SUBSCRIBE *to* ROYAL

it shows buyable fashions
 it costumes different figure-types
 it teaches how to buy merchandise economically
 it presents the mode in ensemble form, assuring you chic
 it shows you all new Vogue-Royal patterns, hundreds in colour
 it tells you where in your vicinity you can buy any model
 it is the only magazine of sensible fashions for women who shop locally

ROYAL teaches you how to make, how to buy, and how to wear clothes.

It considers not merely the slim young debutante, but also the older woman, the woman of fuller figure, the woman of more conservative tastes, the woman who must present a good appearance on a moderate clothes expenditure.

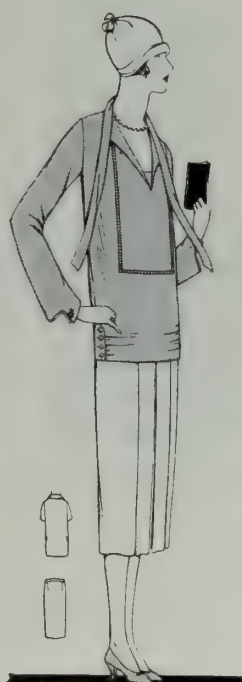
The fashions it shows are not fanciful sketches of gowns obtainable only in exclusive shops. They are drawings of clothes actually made up by American manufacturers and stocked by leading stores everywhere.

The patterns it shows are cut as no other patterns are. They are made for women who appreciate smart line.

The neck-line is cut accurately. The sleeve is set in right and the arm-hole is not clumsily large. The wrist fits snugly. The skirt is the smart length. The collar is cut so that it does not hump up in the back. Every little point is right. And the design represents the mode as it is being worn at the moment by the smartest women of America.

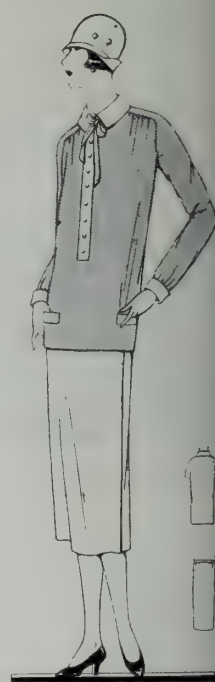
Just this one feature of Royal will save you money. You can supplement your wardrobe with several dresses made at home at minimum cost.

After all, Royal costs very little money. What's \$2, compared to the amount you lose on a single dress that you buy . . . and don't like . . . and hang up on the back hook in the closet . . . or, worse still, have to wear out to the bitter end!



Blouse 7969
Skirt 7601

For the woman who thinks the original overblouse a bit too youthful and trying, the V neck and the grace of the scarf give becomingness without sacrificing the smart line



Blouse 7971
Skirt 7601

Here is the charmingly boyish overblouse that has set all New York by the ears and the eyes. It looks equally well with the collar open or closed and may be made in velveteen, kasha or silk crepe

25 cents per copy \$2 per year

\$3 for 2 years

Sign tear off and mail the coupon **NOW!**

SPECIAL TWO YEAR RATE

Royal, Greenwich, Conn.

Enclosed find \$3 cheque (money order) for which please send Royal for 2 years to:

Mrs.

Miss

Mr.

Address

H.&G. 2-25

REDUCED ONE YEAR RATE

Royal, Greenwich, Conn.

Enclosed find \$2 cheque (money order) for which please send Royal for 1 year to:

Mrs.

Miss

Mr.

Address

H.&G. 2-25



Charles S. Holloway, Architect

Charming 18-room suburban home of Edwin F. Guth, president, The Edwin F. Guth Company, Manufacturers of Lighting Fixtures, St. Louis, Mo. The 50 windows and 14 doors are equipped with Monarch Metal Weather Strips. These strips were installed by W. J. Moslank, Monarch licensee, 4800 Delmar Blvd., St. Louis, Mo.

\$268.76 Saved ~ the first year!

Monarch Strips clipped this sum from Mr. Guth's fuel bills the first winter they were on his windows and doors

Until Monarch Metal Weather Strips went on every window and door, Edwin F. Guth found it frightfully expensive to heat his 18-room home in Webster Groves, Mo.

During the winter of 1922-23 the two hot-air furnaces in his basement consumed \$617.50 worth of fuel. *\$617.50 worth of fuel!* An average fuel cost of \$64 per opening per year; for Mr. Guth's house, remember, has 50 windows and 14 doors.

The following summer Mr. Guth talked to W. J. Moslank, Monarch licensee at St. Louis. And before crisp October rolled around again Monarch Strips were on every window and door of Mr. Guth's house.

A yearly dividend of 72%

The very next winter Mr. Guth's fuel bills dropped from \$617.50 to \$348.74. In one year alone Monarch Strips saved \$268.76 worth of fuel for Mr. Guth! And each year hence, as long as he lives in this house, Monarch Strips will continue to pay Mr. Guth a dividend of \$268.76 on the \$380 he invested in Monarch Strips. For Monarch Strips not only last as long as the house itself, but always work as well as new.

Today home owners everywhere tell of experiences similar to Mr. Guth's. Mr. Donald Bixby says Monarch Strips save \$9.47 worth of coal for him each year.

The pastor of St. Engelbert's Church at St. Louis reports a reduction of \$490.43 on his coal bills in two years. Similar reports come from satisfied men and women everywhere.

How much will Monarch Strips save for you?

The experience of hundreds of home owners shows that Monarch Interlocking Metal Weather Strips cut fuel bills at least one-third. Some owners report savings of 40% to 50%, but one-third is a fair average. If, for example, you usually spend \$90 per year for fuel without weather strips or with ordinary weather strips on your windows, your fuel bill with Monarch two-member tubular interlocking strips would average approximately \$60 per year—every year as long as your house lasts. No other weather strip can even approximate such a saving.

Booklet and Estimate Free

The coupon below will bring you a free estimate of the cost of Monarch protection for your house. It will bring you also a copy of that wonderfully interesting booklet, "Only 1/8 of an Inch," which tells why weather strips are necessary on every house—why old-style strips are a wasteful extravagance—and why Monarch two-member tubular Interlocking Weather Strips alone control air leakage thru windows and doors and cut fuel bills to the lowest possible figure. Clip, fill in and mail the coupon—NOW!

MONARCH METAL PRODUCTS CO.
4920 Penrose Street St. Louis, Mo.

Representatives in All Principal Cities

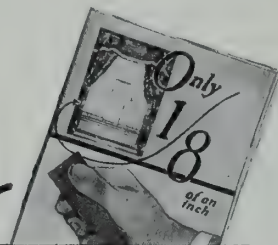
Sectional View Showing Secret of Monarch Efficiency



This sectional view of Monarch Interlocking Metal Weather Strip No. 400 shows why this strip provides maximum protection regardless of swelling and shrinking of the frame and sash. The strip consists of two interlocking members—one tacked to the frame, the other to the sash. These members give or take as the frame and sash swell or shrink. Warping or shrinking of the wood does not affect the efficiency of Monarch Interlocking Metal Weather Strip No. 400. *Positive, constant protection against inleaking air is provided.*



Mail



Monarch Metal Products Co.,
4920 Penrose St., St. Louis, Mo.

Please send me free estimate for weather strip-
ping (No. here).....windows and (No. here)
.....doors. Also send free copy of your new
booklet, "Only 1/8 of an Inch."

Name.....

Address.....

MONARCH

METAL WEATHER STRIPS

INTERLOCKING TYPE No. 400

STANDARD CONTROL OF INFILTRATION (Air leakage thru windows and doors)

THE satisfaction that any floor gives is dependent not only upon the material used but also upon the manner in which this material is installed.

Stedman Reinforced Rubber Flooring is laid by members of the Stedman organization—specialists who know and are vitally interested in this particular type of floor.

The initial cost is the cost of the floor installed. There is no maintenance cost, as Stedman Flooring requires no waxing or oiling, ordinary washing being the only care necessary; it does not dent, crack or wear out even after countless years of service.

Interior decorators and architects specify Stedman Flooring for the better class of homes, clubs, offices, churches, schools, banks and hospitals.

We will be pleased to send you prices and tell you how Stedman Floors can be obtained for one room or many.

J. S. Stedman
NATURIZED FLOORING
PATENTED

STEDMAN PRODUCTS COMPANY

"Originators of Reinforced Rubber Flooring"

SOUTH BRAINTREE, MASSACHUSETTS

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462 Hippodrome Avenue
CLEVELAND



Pencil drawing from actual installation of Stedman Flooring

Stedman

REINFORCED RUBBER FLOORING

THIS SETTLES THE QUESTION OF AN OIL BURNER



"By George, it must be 20 below tonight!"

"Well, cheer up, my dear, you'll never know it here."

These Facts Are Vital

A complete description of the Oil-O-Matic could easily be written here and every statement be true. But it would sound incredible.

Only seeing it and talking with owners will ever convince you. So look for these things:

Open the door of the furnace and you

will find no part of the Oil-O-Matic inside. There's nothing to burn out or replace. Of course there's no continuous pilot light.

It costs us \$150,000 a year more for our motors than some engineers say is necessary. A lighter motor would stand up, they say, on 99% of installations. We spend that extra money to safeguard the remaining 1%.

Proved for 6 Years

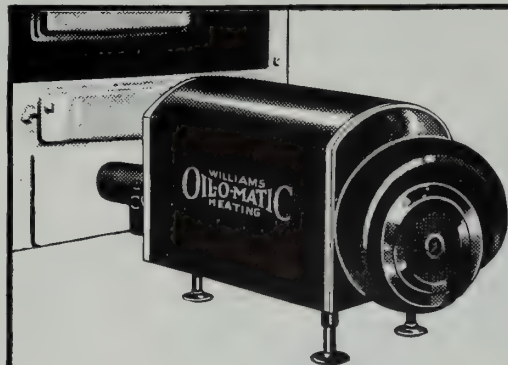
Inventions of such great importance are not perfected in a week, a month, or a year. They must develop. But your basement would not be used as a laboratory.

The fact that every Oil-O-Matic user is more than satisfied is evidence that the public was not asked to pay for our developments.

Nearly 20,000 Oil-O-Matics have been installed all over the United States since 1919. Not enough, perhaps, to create a sensation. But too many if they were not dependable.

Automatic, Quiet, Odorless

All that folks ask now is an oil burner that past the experimental stage—a finished product. One that requires no attention. That starts and stops itself. That is thoroughly reliable. That burns cheap fuel oil perfectly there is no smoke, soot or odor. So efficient that even in zero weather it is shut off nearly one-half of the time. Such an oil burner awaits your inspection—tested and listed as standard by the Underwriters' Laboratories.



Proved for six years. Every installation guaranteed. Requires no attention. Burns cheap fuel oil. Clean, quiet, odorless. For buildings of any size. Sold on easy terms.

WILLIAMS OIL-O-MATIC HEATING

Improved Safety Control

But the crowning feature of Oil-O-Matic is the exclusive Thermal Safety Control. It's all but human.

It watches over the entire plant. If you run out of oil, it warns you by shutting off the Oil-O-Matic.

Everything about your Oil-O-Matic installation must work perfectly or this ingenious device will let nothing work—not a drop of oil can flow, ignition is shut off, the motor stops.

Any good heating plant can be quickly made into a perfect heating unit with Oil-O-Matic. Steam, vapor, hot water, hot air.

These are a few of the things an inspection will make clear to you.

Easy Terms—Guaranteed

Oil-O-Matic dealers and service men are all trained. Most of them are graduates of the Williams Institute of Heat Research. They have experience, facilities, organization, and financial responsibility. They are backed by the largest producers of automatic oil burners in the world.

They will be glad to offer you terms if you want them.

There is plenty of time for investigation. But no time for delay in getting all the facts.

See the Oil-O-Matic demonstrated. Send the coupon for a copy of "New Facts About Oil Heating," that will answer every question on this scientific way of heating with oil.

Williams Oil-O-Matic Heating Corp.
Main Office and Plant, Bloomington, Ill.
Largest Producers of Automatic Oil Burners in the World - Dealers Everywhere

Williams Oil-O-Matic Heating Corp. HG25
Bloomington, Ill.

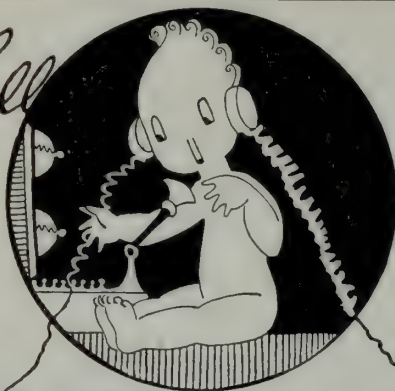
Please send me at once your booklet, "New Facts About Oil Heating," giving full information about the Oil-O-Matic, and special basement plans for new homes.

Name
Address

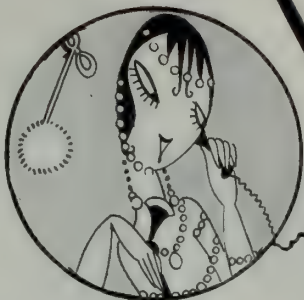
Our Heating Plant is Steam ☐
Hot Water ☐ Vapor ☐ Hot Air ☐

Hello - Hello - Hello

I want the office of



VANITY FAIR

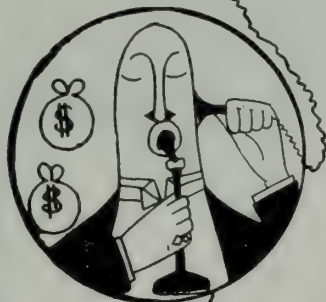


The latest tragedy! Vanity Fair has been sold out on the news-stands! From all sides the disappointed ones are phoning in. They still think they can be supplied. But alas, they can't. The disturbing truth is clearly shown on our pet operator's cherub countenance.



Turning to the extreme right, we have: the solvent Mrs. Rhineland; Otto, a broker; Harriet Pothooks, a handmaiden of big business; Reggie Aspenwall, long distancing from New Haven; Muriel, phoning down from Briarcliff; Basil van Morgan, calling from the Egyptian Museum; lastly but not least, the lovely Gloria Mondaine. Regular readers, one and all. But they got to the news-stand too late!

There is going to be wailing and gnashing of teeth in just a minute. If they had only obeyed that impulse and signed that last coupon! Now, for a month they will be out of joint with the times, ignorantly provincial, doors ajar!



For Vanity Fair is the look-liveliest and step-quickest magazine in America. It prints pictures—recklessly. It publishes the world's most distinguished satire, whether you prefer your satire written, drawn, or quartered. It is the only magazine that gives you the smartest outlook on life . . . the cleverest thoughts of the hour . . . the best art . . . reviews and forecasts of the newest ballets, operas, plays, movies . . . the last word about sports and sportsmen . . . sketches and caricatures . . . portraits of actresses, dancers and prominent people . . . the latest in men's fashions, women's sport clothes, and handsome motors . . . and reports of everything interesting from the gay capitals of the world.



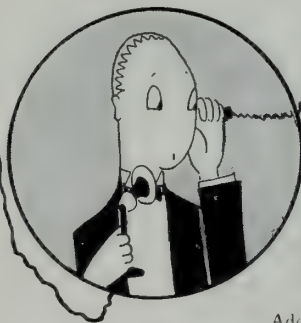
Vanity Fair's is the one successful line. It doesn't clank in people's ears. Make your connection, and you'll have to put a busy signal on your engagement pad. Drop your 5 (dollars, not cents) in the slot (of a letter box) and you'll register a bright white light for two whole years.



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FINEST CABINET
HARDWOODS



The pattern in figured gumwood obeys no known law. It is distinctive, characteristic and individual—always a fascinating study in Nature's handicraft



A gracefully proportioned door, exterior and interior woodwork of American Gumwood, and good furniture in which this dependable wood is used, contribute to the charm of a well appointed home



Gumwood for solid parts permits extra value in the artistic combination of other woods used for surfaces



A Wood that brings Good Furniture within reach

MORE actual value may be put into the design and craftsmanship of the furniture which adorns your home, when American Gumwood, a cabinet hardwood of surpassing quality and texture, is suitably used in the construction of solid parts.

This native wood permits the utmost appearance, in the artistic treatment of other woods used for ornamental surfaces, without sacrifice of time or beauty. It brings good furniture within reach of the average purse. Ask leading retail furniture dealers.

The Rich Harmony of Paneled Walls to those who love the dignified atmosphere of a paneled interior in living

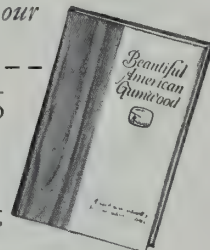
room, dining room, or library, the soft delicate coloring of American Gumwood offers rare opportunity. Either plain grain, or figured in the fantastic yet subdued patterns of Nature, the individuality of gumwood

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In our booklet you will find illustrations in full colors suggesting the decorative possibilities of this wonderful wood, also a brief story of the beautiful and useful gumwood tree, one of the glories of our southern forests.

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Please send me your booklet—"Beautiful American Gumwood"



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Construction, design and finish—the best.
American Gumwood liberally used



*"Yes, the House Keeps Warm All Over Now
and We Use Far Less Fuel"*

End Draughts, Keep Warm Save 25% to 40% on Fuel

The comforts of Chamberlin Metal Weather Strips are also important economies. They are saving and paying for themselves every day in the year—in fuel, labor, and protection against dust, dirt and draughts. Just see how little these advantages cost. In fuel alone from 25% to 40% is saved. The experience of thousands shows that this item itself more than pays for the installation. All parts of the house are kept warm. No cold spots. No draughts. No rattling doors and windows. Furnishings, wall-paper and curtains are protected against grimy accumulations. And a great amount of work is saved from the daily household routine.

Chamberlin Metal Weather Strips are of the type which interlocks with sash, thus insuring most satisfactory and enduring protection.

Note how enthusiastically home owners endorse Chamberlin Metal Weather Strips. Small home owners find their economy and comfort just as advantageous as large home own-

ers. We take a natural pride in the almost universal praise bestowed on Chamberlin workmen. For weather strip installation is the work of experts. We have been many years in the development of our organization. And because we know that their work is done right, we guarantee the satisfaction of every Chamberlin installation for the life of the building.

CHAMBERLIN

**Metal Weather Strips
and Inside Door Bottoms**

Chamberlin Inside Door Bottoms enable you to admit fresh air to any part of the house while closing all other parts against draughts. They prevent escape of cold air, dust and dirt from basements. Keep out laundry and kitchen steam and odors. Operate automatically. Do not interfere with rugs. They are inexpensive, installed separately or in conjunction with Chamberlin Metal Weather Strips.

Chamberlin Metal Weather Strip Company, Detroit, Michigan

What Thousands of CHAMBERLIN

Users say

"Saves 30% on Fuel"

"In connection with the weather stripping, calking of doors and windows in our house to say that last winter we saved 30% on our bills and are more than pleased with the conditions."

A. M.
Warren,

"Less Fuel—Greater Comfort"

"It gives me great pleasure to write you with reference to the Chamberlin Metal Weather Strips which your Company installed in my residence at 722 Pennsylvania Ave., Elizabeth, New Jersey some years ago. These strips have done all you claimed for them and more, and we mean of reducing my coal bill and increasing comfort obtained by the even heat distribution we were able to get by eliminating the usual draught from under doors in the hall and through window sills. I cannot speak too highly of the protection which in my case was installed in an old house open on all four sides giving the weather strips a real severe test and as stated above exceeded my expectations."

R. H. J.
Elizabeth

"Most Satisfactory Stripping"

"I enclose herewith check for weather stripping done at my residence. This is the best thing I have ever done in the way of weather stripping and I want to tell you this because your weather strip is worthy of the consideration of any one."

B. W. J.
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"Efficient Workmanship"

"As it is so unusual these days to have efficient and courteous mechanics, I want to take this opportunity of expressing my appreciation of the work done by the two men on my job. It is a pleasure to have men of their calibre and character around the house. During the time they were on the job I was home myself and had an opportunity of watching them. They did not lose a minute's time and were most considerate in my respect. I might add they voluntarily worked until quite late on a Saturday afternoon finishing up the porch windows so that we might be free of any inconvenience over Sunday."

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New York City

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"I wish to take this opportunity to express my complete satisfaction with the protection afforded from dust and rain. In addition I cannot recommend too highly the two workmen who installed our job. We were living in the house at the time and Mrs. Fleury was looking forward to a thorough housecleaning to remove the effects following such installations. You may imagine her pleasure when returning to the house and finding that not only had all traces of work been removed but these men had even gone to the trouble of dusting the furniture. We appreciate such thoughtfulness to the extent that we pass no opportunities to recommend your company."

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Chamberlin Metal Weather Strip Company

1644 West Lafayette Boulevard, Detroit, Michigan

I would like an estimate covering the cost of installing (check which)

Chamberlin Inside Door Bottoms—

Chamberlin Metal Weather Strips—In my home—Office—

Church—Number of Windows—Number of Doors—

Name—

Address—

City and State—

Eng. Dept. F-27



A roof with the brawny strength to out-battle countless winters

WINTER bombards your roof with gale-driven sleet and snow. It is your roof's most relentless enemy. But, at moderate cost, you can have a roof which the wrath of many winters cannot harm.

Eternit Asbestos Shingles are winter-proof. Because of their unusual construction, spring after spring will find them as sound, as tight, as weather-proof as when they were first laid.

Asbestos is the binder used in all asbestos shingles. The better the asbestos, the finer the shingle. And Eternit Shingles are made of South African asbestos, recognized as the best because of its extra-long, strong fibres.

These fibres are reinforced with cement. Then they are built up in layers; twisted, interwoven, matted together to give the greatest possible strength. Enormous pressure forces these built-up layers

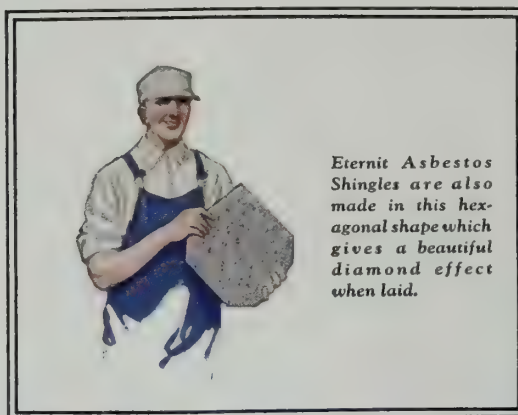
together—welds them into an impervious, inseparable body—far different from the cast or moulded shingle. Then, for *three whole months*, these shingles season until they are in perfect condition for laying.

Once Eternit Asbestos Shingles have been applied, your roofing worries are over. No repairs. No expense. No more re-

roofing. Because, laid with copper nails, *your Eternit roof will last forever.*

In addition, Eternit Shingles are absolutely fire-proof—sure protection against flying sparks and embers. And the natural gray, warm red, rich brown or blue-black of Eternit Shingles adds a real touch of beauty to any home.

Before you roof or reroof, read "Building roofs that beautify and last." Write today for your copy. American Insulation Company, Roberts Avenue and Stokley Street, Philadelphia, Pa.



Eternit

ASBESTOS SHINGLES
Make your first roof last



That bed of yours? Was it chosen as carefully as the food you buy?

No matter how hurried your marketing may be, you take no chances on the purity of the food you buy. You pick a brand you know. You examine anything sold in bulk. You find out all about your purchase before you let it enter your home.

The food you choose so critically may cost only a trifle and be eaten the same day. Doesn't the bedding you buy to serve for many years deserve equal or greater care in its selection? On the quality of the sleep it gives you (even more than on pure food) depend your health, vigor and energy

—and the personal success that every American is bent on achieving. Spend ten minutes tonight getting acquainted with the bed you sleep on. Call at your favorite store tomorrow and compare what furniture you are using with the Simmons mattresses and springs your neighbor merchant will be glad to show you. There are many styles to choose from. The price of each is as low as it is safe for you to pay. Bedding made of *clean, new materials* cannot be built or bought for less. *The Purple Label* is the finest mattress made.

Softly blended colors and a touch of unusual decoration give an atmosphere of quiet charm to this chamber. The dominant plum note of the chintz curtains is repeated in the chenille or wilton rug. The bedspreads are of silk or mercerized cotton taffeta in deep peach, with mauve borders. The decorations shown on the door are painted, but panels of glazed French wallpaper or cretonne may be used. Walls are French gray. Beds, vanity, table and bench are from a complete new suite of Simmons steel furniture in a soft new turquoise and gold. Design 112. Supplied also in a range of smart colors and finishes reproducing brown mahogany and walnut. Beds are Design 1085. For twelve other interesting schemes of decoration, write for your copy of "Restful Bedrooms" to The Simmons Company, 666 Lake Shore Drive, Chicago.

SIMMONS
Beds Mattresses Springs Built for Sleep
 and BEDROOM FURNITURE



Be sure you find this label on the sleep equipment you buy



Curtains at their loveliest . . . Scranton Lustre-Filet

For curtain fabrics, no matter how woven, look their best in daylight. But here are new curtains which are even more beautiful when viewed in the light from an evening lamp. It is then that the fairy-like pattern of Scranton Lustre-Filet seems resolved—not into a mesh at the window, but—into the gleaming, luxurious texture of the curtain themselves.

Is this rich sheen, so effective in any edge of light, that has won for Scranton

Lustre-Filet the instant regard of women who seek curtains that are unusual and smart. Much of their satisfaction, too, is in the way these curtains go with any color scheme and in the way they wear and wash. See them, together with the many other modish Scranton creations, at your store.

As a guarantee of excellence the name Scranton is woven in the top edge of each Scranton curtain. Make sure it's there. Before planning spring decora-

tions fill out and mail coupon below for two interesting booklets. If you have an unusual curtaining problem, write our Service Department about it.

<p>THE SCRANTON LACE COMPANY Dept. 8-B, Scranton, Penna.</p>	
<p>Please send me the free booklets, "New Outlooks for Every Home" and "Scranton Bedspreads."</p>	
	<p>Name</p>
	<p>Address</p>
	<p>City</p>
	<p>State.....</p>

Beautiful Grounds deserve enduring protection

Thoughtless passers-by—biped and quadruped—will trample across the unprotected lawn with equal sang-froid. There are those, too, who will pilfer flowers—suffering no pangs of conscience in the doing.

All of which points to the axiom: *Beautiful grounds deserve enduring protection.*

And so, this spring, before the grass grows green, put up an Anchor Fence of enduring construction. One that will stand straight and firm for years because it is anchored. And that is galvanized throughout to resist corrosion.

This thought in closing:—Why not phone or write the nearest Anchor representative now? He will relieve you of all details of planning and erection!

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Galvanized after weaving
CHAIN LINK FENCES

ANCHOR *Fences*



Building A Home? Then Send For This Booklet

IT'S about heating.
Not any one system, but facts you want to know about all of them, before deciding on any of them. The facts are told in letters—real letters—that were written by six different people, to two who were planning to build.

Intensely interesting.
Sometimes amusing.
Always help-filled.
Printed in four colors.
Attractively bound and beautifully printed.
Send for it.
Use the coupon.

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Burnham Boiler Corp. Irvington, N. Y.
Send me your booklet on heating called "Letters To and Fro."
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Home of Jas. McLaughlin, Architect, Brookline, Mass.

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AN architect uses "Tapestry" Brick in building his own home for the same reason he specifies it for his clients. "Tapestry" gives a richness of color and texture obtainable with no other brick. Made *only* by

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NEW YORK

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WATSON TOWN, N. Y.

"Tapestry" Brick



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Lewis Bowman, Architect



**Tudor Stone
Roofs**

Our Architects' Service Department, under the direction of Mr. Walter McQuade, a practicing architect, will gladly cooperate with you and your architect in planning a Tudor Stone Roof. We shall be pleased to send you upon request a copy of our illustrated booklet which fully describes our service.

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The unrivaled beauty of a Tudor Stone Roof is due in a marked degree to the fact that each roof is specially designed by our architects in co-operation with the owner's architect. The blending of color tones, the graduation of sizes, the variation in thickness and texture of the slate, even the rough symmetry of the broken edges are carefully worked out in the design so that the roof may harmonize perfectly with the residence for which it is planned.

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THE SMART THING ---

and then, the Unusual Thing, too



© Vogue

VOGUE has announced the two-piece mode of crepe or kasha as the authentic mode for Palm Beach—the mode that everyone will wear and be smart in.

Then, for the woman who wants the unusual thing—the thing that is not worn by all the other women of chic—here is the one-piece mode in pastel crepe with the little cape to match. Perhaps it's less youthful than the blouse and skirt; certainly it's more graceful and it has a touch of that elusive femininity that Paris is prophesying as the mode of the future.

That's what Vogue always does for you. Gives you the thing taken up by all the smart world at the moment—charting the highroad to chic. But there are permissible bye-paths—for the woman of distinction, for the older woman, for the woman of limited income. Vogue also shows you these. And this is a service of inestimable value.

The next issue of Vogue is the Forecast of Spring Fashions that blocks in the picture of the spring mode in general as Paris sees it. Then comes the Spring Millinery Number—both Paris and New York—followed by the Spring Shopping—that pageant of beautiful buyable things in New York and throughout America. Early Paris Openings and Brides—Paris Fashions—New York Fashions—Smart Fashions at Moderate Cost—Summer Fashions . . . that takes you down to June first. And each and every issue keeps the multiple viewpoint of the whole smart world in mind.

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Vogue will save you money on every one of its numbers—perhaps many times the subscription price. Not the kind of saving that means doing without things you like, but the kind that eliminates buying mistakes. They're the biggest extravagance—aren't they? And they don't bring you a second's pleasure—do they? So—this year economize—and enjoy it.

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Enclosed find \$7.00, for which send me TWO YEARS (48 issues) of Vogue. (OR)
Enclosed find \$5.00 for ONE YEAR (24 issues) of Vogue.

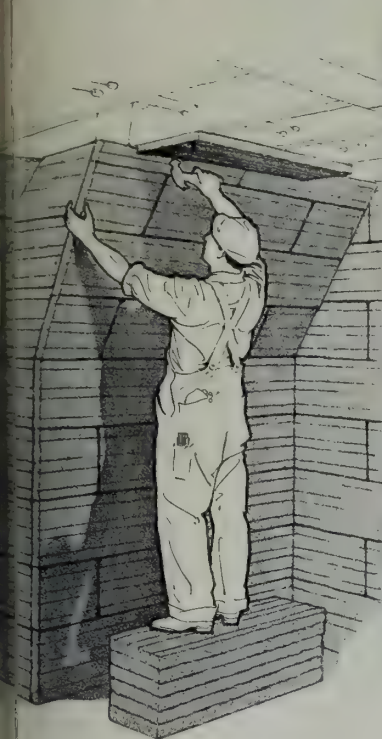
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Bought singly, at 35 cents a copy, these 48 issues would cost you \$16.80. Through this special offer you get them for \$7. A saving of \$9.80 or 21c a copy

My radiator's hot— why is the room so *cold*?



"ROARING furnace fire, sizzling radiator. Yet when I move away from it I am actually cold. What's wrong?"

The construction of his house is wrong. The walls and roof are built of materials through which heat flows too easily. Too much of the heat from the fuel he burns passes into the outside air without warming the rooms. His house should have been insulated when it was built.

Line the walls and roof of your new home with Armstrong's Corkboard Insulation and the flow of heat will be retarded—insulated, held in—held in just as the heat of your body is held in by your clothes. In other words, Armstrong's Corkboard keeps

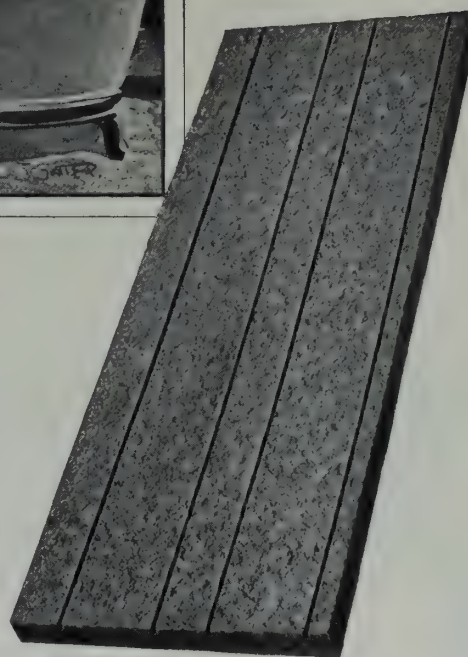
heat where it belongs—inside the house in winter and outside in summer. The result is a home that can be heated quickly and easily with a saving of 25% to 30% in fuel. And equally important, the upper floors will be as comfortable as the lower.

Costs No More than Lumber

Armstrong's Corkboard is not expensive. It costs no more than good lumber. It is easily erected in new brick, frame or stucco construction. *Takes plaster readily without the use of lath.* Is slow-burning and a positive fire retardant.

Home Builders

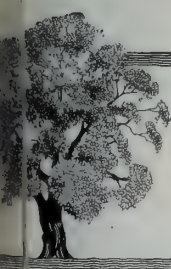
If you want to save fuel and have a home that is warm in winter and cool in summer, write for further information.



Made in boards 12 inches
by 32 or 36 inches—from 1
inch to 3 inches thick

ARMSTRONG CORK & INSULATION COMPANY

193 Twenty-Fourth St., Pittsburgh, Pa.



Armstrong's Corkboard is
made of the outer bark
of the cork oak tree

Armstrong's

Nonpareil

Corkboard Insulation



For your new home—see that your architect specifies this kind of flooring

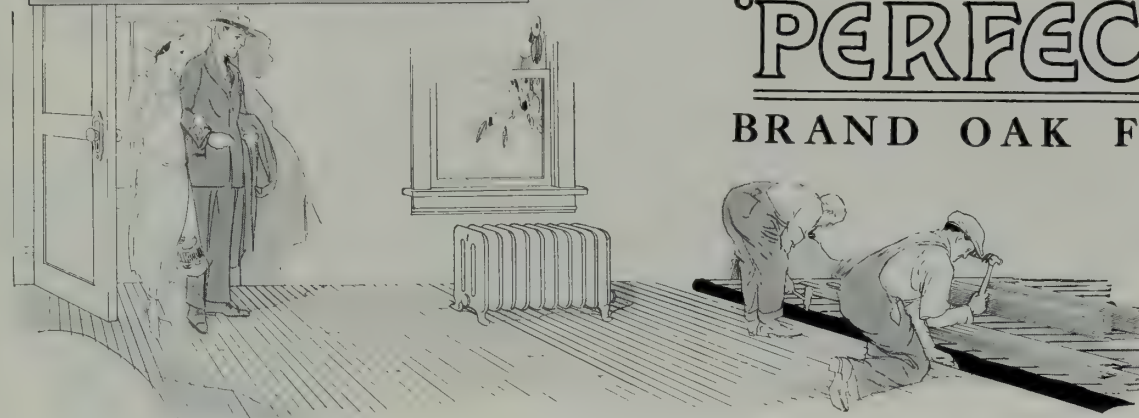
Your floors are really the foundation of room decoration, enhancing the beauty of furniture and hangings. Harmonious color treatment of the room as a whole is now made possible with the new modern finishes, which may be selected to suit individual taste.

Imagine the dignity of a library paneled in oak, with Perfection Oak Flooring in "weathered" finish, the harmony of a dining room in tones of blue and gray, with darker gray Perfection Flooring, or the charm of an enclosed sun-porch, with

floor finished in forest green, light and cheery—a bit of outdoors brought into the home. The opportunity for choice is infinite. Once Perfection is laid, your flooring problem is solved. A Perfection Floor will last as long as the house itself, and remain the beautiful, serviceable foundation of the room as long as there are feet to walk on it. Ask your architect or contractor about Perfection Oak Flooring. Write for interesting booklet, "The Overlooked Beauty Spots in the Home." It is mailed free for the asking.

ARKANSAS OAK FLOORING CO.
PINE BLUFF, ARKANSAS

'PERFECTION' BRAND OAK FLOORING

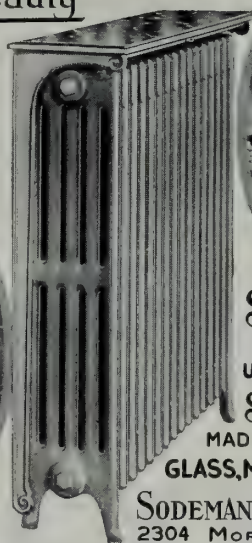


Reg. U. S. Pat. Off.

SHAPCO RADIATOR SHIELDS—

A thing of beauty

A protection
that pays for itself
many times



SHAPCO SHIELDS
will save your
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MADE IN MANY STYLES
GLASS, MARBLE or METAL TOPS

SODEMANN HEAT & POWER CO.
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PREVENT THIS



BOOK ON REQUEST

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Address _____

City _____ State _____

When You Arrive in Paris

VOGUE's Information Bureau will tell you everything you need to know in your first days of settling down and planning your French holiday. will advise you:

Where to get the best exchange on your money.
What plays you should get tickets for.
What restaurants have famous specialties.
Where the smart crowd goes to dance.
Where you should shop this season.
What week-end place is in favor.
Which resort is in season and where to stay.
How to find an apartment in Paris.

And, if you wish, VOGUE will supply you with shopping guide, an interpreter; send you a beautiful specialist, a French teacher, a dancing master; find a school for your daughter; make hotel, railway or steamship reservations and buy the tickets; give you special introductions that will secure you special privileges; and, in short, act as an experienced friend, familiar with the language and the ways of the country, and eager to make your stay as pleasant as possible.

Say to the taxi driver, "Numéro deux, rue Edouard Sept"; say to the doorman

VOGUE



Residence of Mrs. Cyrus H. McCormick, Lake Forest, Ill., Perkins, Fellows and Hamilton, Architects.

CRITTALL

Steel Casements

Distinguished effects are readily obtained by the use of Crittall Casements and Windows. They are made to varied sizes with special fittings or may be secured in standard sizes with attractive bronze hardware. In all cases they are built by hand and allow wide latitude in choice of style and treatment. Crittall Steel Casements possess the beauty of real utility, matching their handsome appearance with years of rugged resistance to storm and weather.

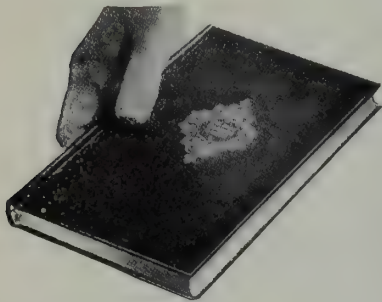
*All Crittall Casements and Windows are made of
Crittalloy—the Copper-Bearing Steel*

CRITTALL CASEMENT WINDOW COMPANY
DETROIT



Manufacturers

**Thousands say
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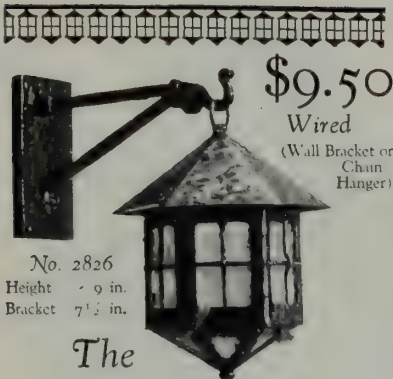
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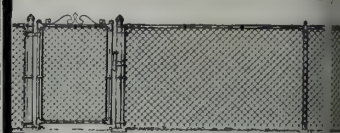
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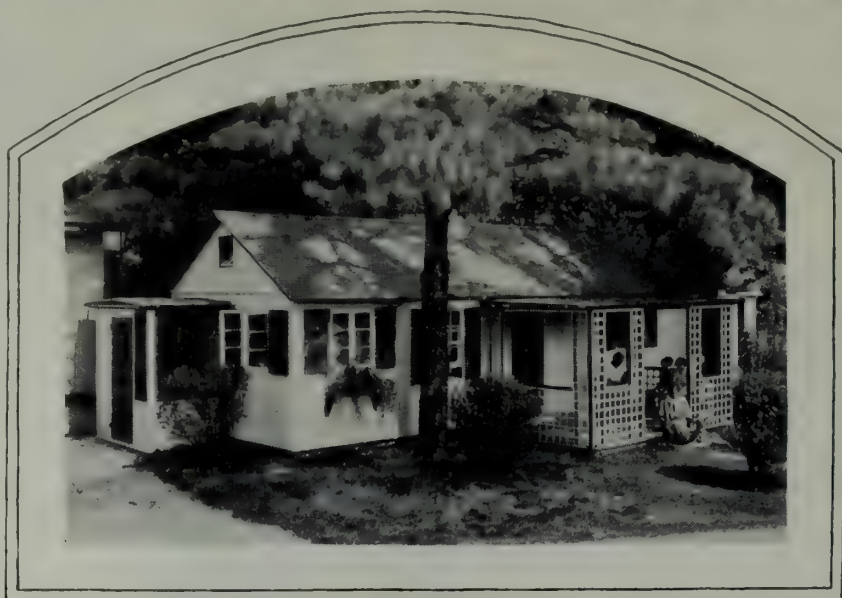
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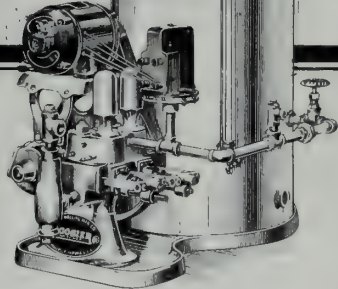
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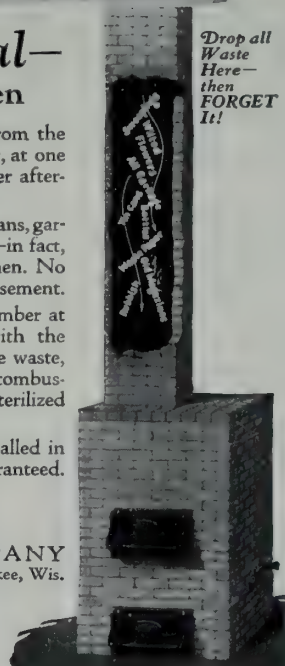
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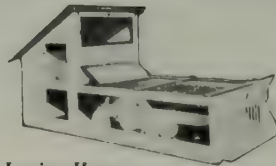
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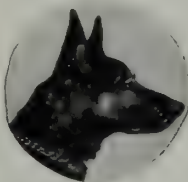
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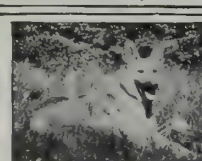
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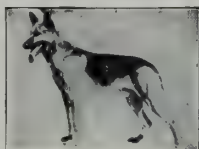
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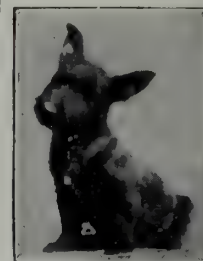


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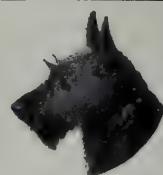
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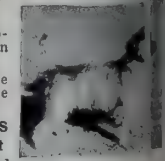
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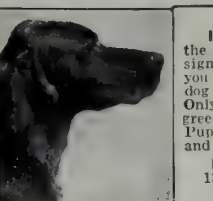


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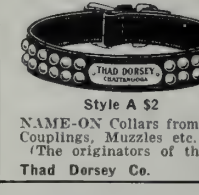
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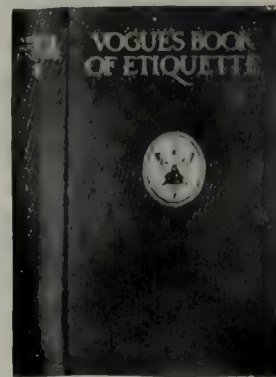
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From the articles on collecting which appear in these pages we try to make it possible for the reader to learn just how he or she may be sure in the search for certain pieces—sure of the furniture's availability and of its authenticity. Perhaps there is a more sinister side to these articles, for it is possible that from them the reader may become the victim of the collecting fever. But the disease is delightful, and little harm can come from it. We are all collectors of something or other, or at any minute apt to become one, and we would be fortunate to have the fever run to something as useful as furniture.

From the point of view of the craftsman furniture takes on another interest. Unless we know what care and thoughtfulness go into the making of furniture we can scarcely recognize its finest qualities. The woods of which it is made, the skill that goes into its construction, the fabrics that cover it, the various kinds of finish its surfaces may have—all these things must be made familiar to us if we are going to get the greatest pleasure from it.

All this, together with the ideas of livability, grouping and balance which control the arrangement of furniture, and the color and character of its setting, make up the third angle from which furniture must be considered. When we have covered all three sides of the subject we have added to the fun of living with furniture by making it an active pleasure rather than a merely passive enjoyment.

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HOUSE & GARDEN'S BULLETIN BOARD



THOSE who are writing on garden subjects for the March Gardening Guide comprise what the theatrical press agents call a "galaxy of stars". This all-star performance is opened by a California garden designed by Reginald Johnson, followed by Mrs. Francis King writing of Lisbourne Grange, the garden of Mrs. Samuel Sloan, President of the Garden Clubs of America—its first public appearance, by the way. Mr. Wilson will continue his series. Mr. Herbert Durand will write on those finicky wild flowers we all find difficult to grow. Mr. J. Horace McFarland will contribute his opinions of the Mock Orange and its varieties. Mr. F. F. Rockwell will write on vegetables. Three pages will give tabulated information on the growing of flowers, vegetables and shrubs and bulbs. Another page will contain a glossary of botanical terms so necessary for gardeners to understand. Louise Beebe Wilder will write on Western rock plants. Mr. J. H. Sperry contributes valuable and practical information on cold frames and hotbeds. Even Mr. Teall's collecting article touches the horticultural world, as he describes old flower prints. The third of the smaller House Gardens is shown. And the editorial, to make the measure good, will discuss women in horticulture.

This, it would seem, is about enough to fill an issue; but there are still many more pages—two showing some delightful interiors in a house at Bridgeport, Ct., a Little Portfolio of miscellaneous rooms; some schemes for radio corners suitable to the needs of old folks; and the Shops will be searched for interesting copper and brass.

That Miss Peyser writes on house insulation and Mr. Houston on roofing tiles, and Mrs. Bullitt tells how a Ford helped build a country house—these are only more indications of the usefulness of this issue. Two houses will be shown—small, medium-priced houses and one page displays an unusual entrance porch.



MEN judge a meal by the food that is served; women by the manner in which it is served. And therein women show the keener perception. For, while the culinary arts are not to be despised, they naturally rank lower than those worthy countenments of excellent dining—fine linen, good silver, crystal and beautiful china. Just as you can judge a man's mind by the books on his library shelves, so can you judge a woman's taste and capacity as housekeeper by the way she sets her table. They are an even clearer indication of the sort of person she is than the dress she wears. An investment in silver of good design, linen, in traditionally patterned china, in crystal—such an investment brings a large return of pride and self-respect.

THEY order things differently in the Northwest than we do in the East. Thus, last Thanksgiving Day the city of Portland, Oregon, held an exhibition of Roses grown outdoors. By that time our Eastern garden roses were memories. Which only goes to prove that gardening, like architecture and good temper, is mostly a matter of climate.

Portland grows Roses openly in its streets. New York grows ragamuffins. The Roses are perhaps preferable. Citizens of Portland respect their sidewalk Rose beds; in New York even Central Park is not respected. In that we beat Portland, however; you'll find more pieces of paper, lunch boxes and debris scattered over the lawns of Central Park than you'll find Roses on Portland streets. It would never do for this great metropolis to permit a city such as Portland to win out in any competition for the decoration of streets and parks.



LEAF-FANTASY, IN WINTER SEASON

WHEN surely winter the last branch has thinned. . . .

Each, tossed back, white, my visioning mind yet sees

The trees that silvered in the rapid wind,
Tumultuous in the many winds of spring,—
Though there are no more leaves left in the trees;
Yes, I'm still stirred by all their silvery
Backward and backward multitudinally:
A million million leaves on tree on tree! . . .

The summer's leaves are also gone from me,—
Yet suddenly they leap from the unseen
Again, with all their rippling shades of green. . .

Though fall has gone, too, still its gorgeous leaves
Troop ten more colours than the eye conceives. . . .

If I said all the leaves are gone, I err:
On that bare hill a single tree stands bare—
Both barer for a topmost leaf left there. . . .

And one leaf on a winter-bitten tree
Brings back the leaves of all the year to me!

HARRY KEMP



THE fallibility of human nature is proved whenever we make mistakes. By some mistake, in the January issue, the house on Page 57 was attributed to neither owner nor architect. It is a remodeled farmhouse—and a good one—the residence of Alvin Untermeyer, in Connecticut, of which the architect was Eric Kebbon.

OLD DOC LEMMON SAYS—

"MAYBE it's b'cause I'm gettin' old that I set an' study now an' ag'in about things that ain't o' much account to nobody. All sorts o' things, like thistles, an' hoss liniment, an' what we'd do if they warn't no water in the world. Nothin' could be foolisher than figgerin' over them kind o' idees, I reckon, but somehow they's a lot o' fun into it.

"Take that question o' water, now. 'Course, I know crops an' live-stock an' humans has to have it, an' that they'd die if they didn't git a good drink reg'lar. But just supposin' every livin' thing learned to do without, wouldn't the world still be a kinder lonesome place if all the water was took from it?

"I dunno 'bout you, but me, I'd feel mighty sorry if I couldn't hear Birchy Hollow Brook splashin' over the Falls, er ketch the shine of it on a windy October day where it spreads out into Hillyer's mill-pond. An April shower whisperin' on the roof, too, er a rainbow—they wouldn't be no more rainbows over the hills without water!"



A FEW weeks ago we wrote to a large number of HOUSE & GARDEN readers asking them to make a criticism of the magazine and to suggest changes or additions that they thought would improve it. Our mail has been heavy with their replies. To some we have been able to answer directly; others will have to accept this public expression of gratitude.

It is valuable, every so often, to have the candid opinion of friends. Such opinions keep the head normal size. While many of these letters were flattering (we hope to publish some of the more human documents some day), a great many of our friends just spoke out in meeting. Were it possible we would like to act on all the suggestions, but in order to keep the major interests of the magazine alive we cannot scatter our pages all over the block. That is the reason we regret our inability to act on the suggestions that we devote space to decorating churches for weddings, running a special cat department and giving plans each month for country clubs. Our interests are the home—its architecture and building, its decorating and furnishing and the making and maintenance of gardens. For twenty-three years these subjects have comprised our policy, and, we believe that much of the success of the magazine has been due to the fact that we adhered rigidly to them. This flood of letters brought us consolation; the majority of our readers want us to stick to our knitting.



M. E. Hewitt

VERMEER IN NEW ENGLAND

Like a Dutch interior by Vermeer, this country house hallway owes its charm to several elements—to the wood floor painted in black and gray lozenges, to the lines of its trim, to the gentle spring of the

arch, to its cottage furniture, but even more to the fine angle of light that floods it when the upper part of the Dutch door is opened. The owner is Henry P. Curtiss, and the house is in Ashfield, Mass.



BACKGROUNDS FOR FURNITURE

Whether New or Dignified by Age, Furniture Should be Given the Advantage of an Appropriate and Becoming Setting

MARGARET McELROY

HOW often, how drearily often, we see furniture of intrinsic beauty and worth robbed of a large part of its effectiveness by an inappropriate and unbecoming background! Chairs exquisite in line and some detail of carving are overshadowed by a large patterned paper. A slender painted piece, delicate in line and coloring, is insulted by a background of coarse plaster walls. Recently a woman whose hobby was collecting old furniture asked me to admire a Jacobean oak dresser which she had placed in a paneled entrance hall painted light, Georgian green. The background was admirable in itself, the dresser

a fine example of 17th Century workmanship, but crude and hopelessly out of place in these pale, delicate surroundings.

The beginning of wisdom in decoration is a just regard for the room as a whole. To create a successful interior, and by successful is meant a room not only charming and distinctive in its decoration but one possessed of that gracious quality of livableness, it is essential that the various articles of furnishing, the background of floor, walls and ceiling, the hangings at the window and the furniture, be selected with a view to harmony as well as beauty. It is only when these main elements are in

accord that we have a dignified, restful interior. And to this a nicety of taste in the selection of accessories, and the room takes on individuality—becomes a living, personal thing.

Anyone so fortunate as to possess fine old furniture should think enough of it to give it a proper setting. While a strictly period room is the last thing to be desired, certain types of furniture require backgrounds in keeping. Furniture of 18th Century inspiration, whether French or English, should never be forced to suffer the indignity of rough plaster walls. Smooth plaster may be used, painted such



Because of the interesting assortment of furniture and upholstery, a neutral background of cream plaster walls was selected for this country house living room. The curtains are not the same shade as the walls, trimmed with colorful wool embroidery in a ship design. Chapin, Harper & Dutel, decorators

G. W. Harting



G. W. Harting

The main feature of the distinguished small dining room above is the setting of painted walls in colorful landscape scenes done by Barry Faulkner. These afford an interesting and appropriate background for the dignified furniture. It is in the New York City apartment of Richard H. Dana, jr.

With plain furniture coverings and curtains, a graceful flowered wall paper may be used to supply the necessary design. In this dressing room the curtains are blue glazed chintz and the covering of the dressing table and chairs cherry red taffeta. Mrs. Olive W. Barneswall, decorator



colors as gray, buff, cream, yellow, Georgian green or a soft light blue, but be still is wood paneling painted one of above shades and antiqued. Wall paper may serve as background for this type furniture provided the design is light graceful and the coloring not too strong. Mahogany furniture, the delicate styles Sheraton, Hepplewhite and Adam, or more robust Colonial designs, is charming against a narrow striped paper in shade yellow and buff, while wall paper set

panels, delicate flowery signs or graceful classic terms, makes a delightful setting for the furniture. 18th Century France, especially the Louis XVI style with its simple lines so formal, restrained decoration. With such a background it is wise to use plain hangings and either plain upholstery or a narrow striped fabric, in order not to have too much design in the room.

In addition to the flowered, striped and scenic papers there are the gold and silver tea box papers which should not be overlooked when planning the background of a room. Perhaps



Not a little of the effect of this comfortable, chintz covered wing chair is due to the fact of its being placed against dark paneled walls—that most dignified of settings. This small living room with its paneling and fine array of furniture and accessories is in the home of Henry P. Curtiss, at Ashfield, Mass.

M. E. Hewitt

your furniture is of Chinese Chippendale inspiration and your hangings of printed linen or some patterned stuff. In that case a plain background is essential, and what more effective than the gleaming expanse of silver or gold walls! These papers have a quaint, indefinite design that gives the wall a slight uneven look, infinitely to be preferred to a smooth, unbroken surface. With mahogany furniture and walls done in this silver paper, it would be interesting to use a sealing wax red linen in a Chinese design for curtains or slip covers. Hang a Kakemono, a piece of Oriental brocade or a painted mirror in the long space above the sofa and in the hanging bookshelf painted a strong, bright blue place some bits of colorful porcelain, small bowls, figurines and perhaps a pair of pottery birds. These delightful accessories may be purchased at moderate cost in the Chinese shops and are useful for the color interest they give a room.

The sturdy furniture of 17th Century England requires quite a different background. Nothing will ever

(Continued on page 124)



Paneled or plaster walls painted such colors as cream, café au lait, gray, light-blue or Georgian green make a pleasing background for 18th Century English furniture and flowered chintz curtains. This corner is in the home of Mrs. Walter S. Griffin, in Greenville, South Carolina



A gay Chinese chintz in tête de nègre and watermelon pink is the dominant feature of the living room above. Because of this, a silver tea box paper, glazed in peacock blue, was selected for the walls as a suitable background. Chapin, Harper & Dutel were the decorators



A dining room furnished with an assortment of Italian and English 18th Century pieces is given additional distinction by a striped wall paper in shades of buff and tan. Toile curtains in red, blue and buff and old flower and bird prints supply the necessary color notes. Mrs. Gillette Nichols was the decorator



If we wander through the courts of Granada, we are reminded that once the tile was not despised. Later, find the shining blue of Delft in the interiors of Vermeer and Van Hooghe. Here, in a modern house, is the renaissance of the tile

MODERNIST ENGLISH DECORATION

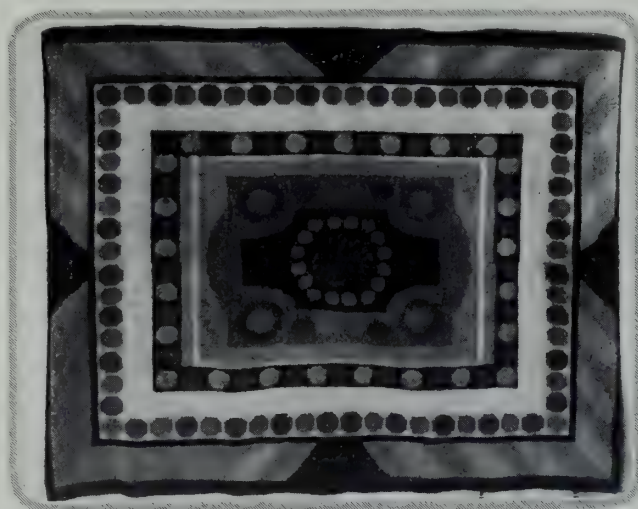
*Some Examples of the Interesting Work
of Duncan Grant and Vanessa Bell*

RALPH PATTISON

FOR some time past "period" rooms have been the fashion in England. First it was the picturesque Elizabethan and Jacobean, then Queen Anne, the 18th Century, the Regency, the French Empire, and even, latterly, the Victorian.

Very charming such rooms can be, with their pleasant literary associations, their slight air of "pose". Necessarily, they are a little artificial, in that they are the products of a bygone age, whose thoughts, whose aspirations, whose whole life was totally different from ours.

But is there any reason why we should not consider our own day as a "period"—the only period for



A carpet, designed in the English modernist taste by Vanessa Bell, is in several shades of reds and browns and beige pink

us which is not in some sense artificial—and set aside, at any rate, one room in our own house which shall be truly representative of the best in it?

It is not as if this were an age devoid of artistic effort. Many of the leading British artists in the modern movement (which is derived largely from Cézanne and the French Impressionists, though it must not for a moment be supposed, as some critics have suggested, that it despises the Old Masters) have turned their attention to decorative work.

Among these are Duncan Grant and Vanessa Bell, who even before the war were associated with a group of artists who produced



An unusual alcove in a dining room painted on paper with deep blue and pale gray "écriture" and a yellow ochre border



A fireplace by Duncan Grant has a painted decoration of arum lilies and leaves in white, greens and yellows on crimson



A chair designed by Duncan Grant has a motif of gray vase and pear between emerald green curtains. It is worked in cross-stitch

work of this kind under the leadership of Roger Fry. The war, unfortunately, put a complete stop to the enterprise, but not before they had produced many charming things in the way of furniture, stuffs, and pottery, practical as well as beautiful. The individual practical aspect of each object is one of the things to which the artist decorator pays the greatest attention. In the

useful arts, beauty and usefulness are interdependent, and mere ornament which hinders practical use is, *ipso facto*, inartistic. The illustrations to this article are all taken from decorative work done by Duncan Grant and Vanessa Bell during the last few years. They turn their versatile hands to anything, from the complete scheme of
(Continued on page 104)

panels by Duncan Grant and Vanessa Bell in Mrs. Woolf's house in London. The walls are pale dove gray, the panels glossy white with tomato red borders and oval "fonds" alternately in sienna pink and maple yellow



IN DEFENSE OF THE ROCKING CHAIR

This American Idiosyncrasy May Be Homely and Without Heritage, but It Has the Comeliness of Comfort

THE other day we were going over the home of a decorator. It was a very beautiful house. It was, in addition to being beautiful, a smart home, which means that its accessories and color were in the latest taste. From room to room we proceeded, from one gorgeousness to another. Finally we stopped at a closed door. The decorator said, "There's nothing to see in here. It is my mother's room. She's just got the furniture she likes." But he opened the door—and there was home! A simple bed of early maple, a night stand with worn prayer books, and by the window a sewing basket and by the sewing basket a rocking chair. It was one of those broad-beamed rocking chairs, full and deep and comfortable and homely. It looked as though it had rocked many generations. For all the glories in that house, this was the most precious thing in it.

The rocking chair is a piece of furniture that, in this age of alleged taste, must be enjoyed secretly. A few—a very few people—dislike it because they really dislike rocking; the rest of us mutter some excuse about its ugliness but, in the secrecy of our own rooms, fly to its comfortable and soothing agitation. Decorators hold it to be anathema: Let a client meekly ask for a rocking chair in the library, and the wrath of the Heavens descends. Rocking chairs simply aren't done.

THIS prejudice must have some reason. And we suggest that the reason is based on three facts, namely—the rocking chair has no perceptible and decent heritage; it is, in the main, a homely piece of furniture; and it is American.

Most of our furniture pieces have traditions; you can trace them in books the way you trace a family tree; authorities write preciously about them. You can't do that about the rocking chair. Search the histories of furniture, and such a thing as a rocking chair is rarely mentioned.

Mr. Lockwood in his "Colonial Furniture in America" confesses that he finds not a single reference to rocking chairs in any of the inventories. He puts the date of its inception at the middle of the 18th Century and says that although our early Colonists had cradles with rockers, chairs with rockers cannot date later than the Revolution. He calls them "an American idiosyncrasy".

In "Furniture of the Pilgrim Century", Mr. Wallace Nutting dates them back to the end of the 17th or beginning of the 18th Century and says that rocking chairs came into being in this country at about the time the rocking cradle went out. This rocking cradle, by the way, was so arranged that it could be rocked with the foot, leaving the hands free to knit or sew.

Still another authority is so bold as to attribute the rocking chair to the inventive genius of Benjamin Franklin. We wish there

was foundation for this, because Franklin would make a pleasing picture seated in a rocker—the portly savant, wearied with kite flying or playing on his organ of musical glasses. But we doubt the legend.

In short, this chair has no heritage and no respectable past. It can point to no worthy ancestor. It is just another product of "those crazy Americans" and consequently does not have to be taken seriously. That apparently is the judgment of English furniture authorities and, unfortunately, the attitude of some Americans who, in furniture affairs, are dyed-in-the-wool Anglo-, French- or Italian-maniacs.

THIS is a pity, for the rocker is not to be despised. Homely as sin, it serves a homely purpose. And in that sense it is adequate and worthy to be preserved. It does a homely job well. It is like a homely scrubwoman who scrubs well. If you ever found a handsome scrubwoman, you would immediately be tempted to make her a waitress or a parlor maid, in which positions she would be unhappy and useless. Let her do what she can do well. So with the rocking chair. It is rarely a thing of beauty—but it is a joy forever. It just happens to be one of those things that never was intended to be, and never conceivably could be beautiful. It is not for display, such as a Louis Seize chair or a late Italian commode; it isn't collectable, such as Sevres porcelains or tapestries; it is merely a homely and lovable object, like a broad-bosomed mother who is too busy caring for her children and her home to worry about being chic.

ALL too much of our present-day interior decoration and furnishing falls under the head of that abominable French word *chic* and that equally abominable English word *smart*. These appear to be the standards by which the work is judged; as though our rooms were theatrical sets before which we played a pantomime of life. Now rooms are made for living in; they are made for all sorts of people, and the standards by which their success or failure should be judged is the measure to which they meet the needs of living and satisfy the requirements of the people who occupy them.

Volumes are written on color schemes. Volumes are written on shape and contour. But mighty few volumes have been written on comfort and the charm of homeliness. There is a distinct charm to homeliness. Like virtue and modesty, it is a little old-fashioned, but many people still prefer it.

The rocking chair has that charm of homeliness. For this we respect it. And when our wearied limbs sink into its kindly embrace—then we love it.





Thomas B. Temple

PRELUDE TO A COUNTRY HOUSE

This courtyard occurs midway along the entrance drive on the estate of Donald H. Cowl, at Barker's Point, Port Washington, L. I. The road runs through on a slight curve, entering and leaving under great arched openings through one of which

is seen the guest house above occupying a corner of the court opposite the care-taker's cottage. The openings are hung with a pair of heavy, unpainted oak gates studded and mounted with wrought iron. Thomas Harlan Ellen was the architect



The patio, which in this case is the principal garden, is surrounded by a seven-foot wall plastered to harmonize with the house, of which it is an integral part. This tiled fountain is set against the wall opposite the living room

AN IDEAL SMALLER GARDEN

The Landscape Problems of a Spanish-Italian House on a Sloping Site are Solved in the Second of the Ideal Smaller Homes

WHILE the lower coast of California, and Florida, with their balmy subtropical weather, were the climates for which this house was intended, it would be a mistake to suppose that it could be adapted to none but those tender latitudes. Actually, it is a hardy architectural type, fit for any part of the country. The same might be said of its garden. The plants would have to suit the habits of the seasons, wherever the garden were made, but the framework

Another of the houses in the Four Ideal Smaller Homes Series is given its garden treatment here. The grounds of the remaining two will be done in the March and April issues

and the character of its design are not, for any practical purposes, bound down to a particular locality.

The house and the garden illustrate the

kind of architecture and landscape design which has been made especially popular in California because of its derivation from Mediterranean sources, where the sun and sky have a similar effect upon the architecture and building. But apart from the matter of style, with which it gives such fine variety to this Ideal Smaller Homes Series, the house and its garden scheme show admirably the problem of a sloping site may be solved. It is an unusual sort of



This drawing tells the story of the house and its site. The former has been designed to fit the rising slope of the latter, and in following the grade up from the highway in front the house has fallen into a most attractive series of levels. On the lowest lies the patio. Johnson, Kaufmann & Coate, architects. Drawn by Chester B. Price

solution, for generally when a slope exists the house is set across it. Here the house runs with the slope, and, rather than protrude at the lower end and bury itself in the hill at the upper, it rises with the incline; each section being put on a slightly higher level as the house works toward the rear of the plot.

How lovely an effect this method of planning has had upon the interior was made apparent in preceding issues of HOUSE & GARDEN. The idea has been just as successful outdoors. Three different parts of the house connect with the grounds

at the places where their levels coincide. The patio is the most important of these, and it lies on the living room level. The drive-way entrance and the terrace are at the next higher level, and the garage court at the highest. The ground is still higher back of the garage, where a vegetable garden has been made to be reached by steps and a path from a service door.

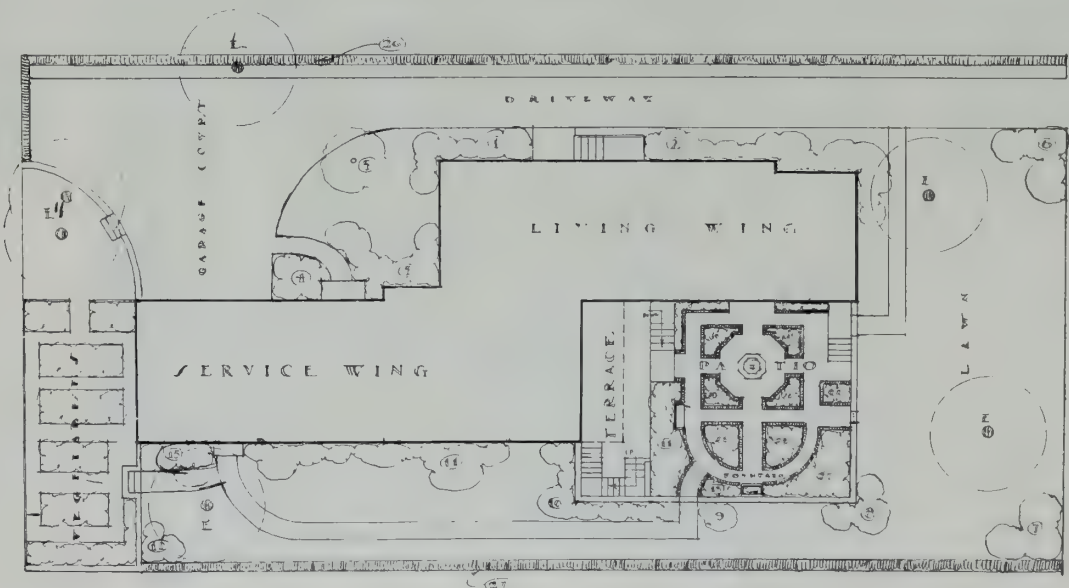
The grounds as a whole have been very simply handled: a driveway leads straight from the street to the garage, and connecting paths at various places do their work as directly and unostentatiously as possible.

The planting, other than that of the patio and vegetable garden, is merely an arrangement of shrubbery about the base of the building. Six large Eucalyptus trees formed the only existing growth on the plot.

The paths of the patio have been paved with flagstones and lined with edgings of Dwarf Box. The small central beds are filled for the most part with low-growing annuals to keep a rather flat effect over the middle portion—an effect which gives emphasis to the greater bulk and height in the larger outside borders where shrubs

(Continued on page 148)

The plan shows how the garden treatment is concentrated in the patio; elsewhere the plan is merely to provide a setting for the house. The numerals refer to plants named in the text





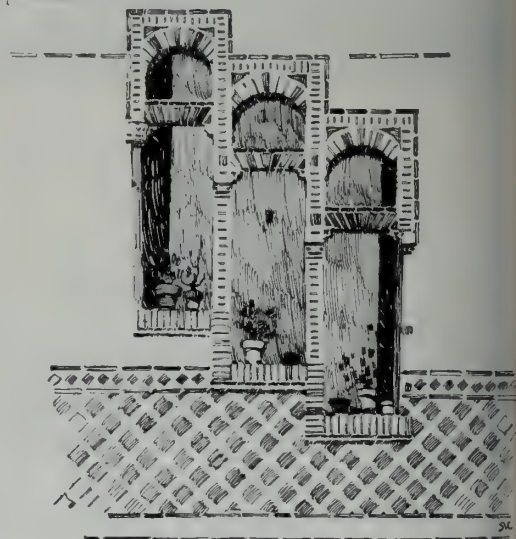
These windows are from a small palace at Taormina, Sicily. The shape of the arches is informal. The supporting column and cap are of unpolished marble, whereas the balustrades are indicated in plastered relief



A window in the house of El Greco, Toledo, Spain. The grille is authentically of the XVI Century. The peculiar detail framing the window is made up of Moorish fragments imbedded in the wall. The grille projects four inches. It could be duplicated by a good ironworker

FROM AN ARCHITECT'S SKETCH BOOK

Drawings by SAMUEL CHAMBERLAIN



This Moorish window in Seville gives light and emphasis to the enclosed stairway beyond. The bricks are buff and brown ochre, the plaster faintly gray, and the tiles two tones of greenish blue colors suitable for houses of the Mediterranean taste, a style popular in California and Florida.



This fine cluster of casement is from one of the best preserved and most patrician of the old 16th Century half-timbered houses in Rouen. The panes are leaded and the glass contains many fragments of Beacon street lavender or a pale amber. Gay red curtains, striped with gold give the touch of color necessary

LITTLE PORTFOLIO OF GOOD INTERIORS



M. E. Hewitt

This month the views in the Little Portfolio are from the home of Crosby Gaige, at Peekskill, N. Y. An old farmhouse, built in 1760, it was remodelled by John Oakman. Mrs. Gaige chose the decorations. One side of the sunroom is shown above.



In the hallway has been used a traditional paper in familiar tones of putty color and blue. The furniture is curly maple. Such a hall requires only the fewest pieces but, as in this hall, these should have character, however simple the hall may be



For all its well chosen furniture—and this furniture is well chosen—the character of the library depends upon its books. They give color and purpose to the room, more color even than that of the antiqued gray woodwork and the green striped curtains.

In one corner of the library, conveniently set by a window, is the writing table. Other smaller tables are disposed about the room, with lamps adequately placed and shaded, and deep comfortable chairs within easy reach. Oriental rugs give color to the floor.



Quite different from the library, but still informal, as a country house should be, is the living room. It has yellow walls, rose colored hangings and some of the furniture is in glazed chintz both patterned and plain. The floor is covered with a neutral-toned rug



Opaque glass tie-backs against the rose of the window hangings, simple moulding paneled walls, comfortable furniture conveniently grouped, a simple unpatterned carpet rug—these are some of the elements that help make the living room livable

RAMIE AND OTHER UNUSUAL FABRICS

*Fibre, Hair and Paper All Play Their Part
in the Fabrics for House Decoration*

MR. and MRS. G. GLEN GOULD

FABRICS for the house come, indeed, from many sources. Silk, cotton, mohair and wool are far from being the only fibres which our looms can handle successfully. Ramie, jute and many things that grow can be reduced to a weavable state; and other hairs besides mohair find their way into our houses to provide us warmth and comfort.

The most interesting of these fibres used in home furnishing is ramie. Interior decorators have used ramie velours for some time, but few persons who have them in their houses know what they are. In the past year they have become better known, for in our American mills the stylists, those prophets of industry who feel out far in advance what the housewife is going to find acceptable, have been experimenting with ramie.

Ramie, or China grass, of the nettle family, is grown in China and elsewhere. The fibre is silky and strong, lighter and softer than linen, three times as strong as hemp. Plain surfaced fabrics of ramie were formerly much used aboard ship, but seem now neglected, while the velours are gaining in popularity. These have great "eye value," and hang heavy and lustrous; fold more sharply than cotton, linen or mohair and more like silk velvet; cost less than silk and about one half more than cotton. The present interest in the textile fold, which for many years was extinct except in vertical window and door hangings, will focus attention on the qualities possessed by ramie fabrics. They will be found useful for the present popular intricate drapery of elaborated valences, tied-back hangings for doorways, windows, beds and dressing tables.

RAMIE velvets and velours are made in plain surfaced or ribbed effects, in a large range of colors. Taupe, blue, mulberry, mole and walnut are most in demand; egg plant and nigger brown—*tête de nègre*, and henna are very effective, and lighter tones of gold and apricot are lovely in this lustrous fabric.

Speckled and *jaspé*, or streaked effects, are obtained by combining cotton with ramie, the cotton a bit darker, breaks the even surface color and gives that interest and depth to the fabric which is needed for large draperies.

Regular stripes, wide or narrow, in a large number of combinations, may be all ramie, or ramie and cotton; ramie, cotton and mohair; or ramie, plain cotton, mer-

cerized cotton, mohair and silk. The last is a combination giving five different grades of luster in the pile and its colors. This is a very successful drapery fabric and much in vogue for its smartness. Undefined irregular stripes are also effective.

RAMIE for drapery and upholstery comes in a wide color range and many types of design. It wears astonishingly well and is not unpleasant to sit on; an objection made by some persons to mohairs. Stripes are used for chair seats and backs, for overstuffed furniture, and combined for seats and backs with figured mohair and linen velours. Period designs, from the Italian Renaissance to Georgian, are available. New designs are being constantly put out by our American mills. These designs are produced in many ways. A pile fabric with an even pile surface may have an effective design in cotton, (which dyes a darker shade), with the ground or the reverse of ramie, producing a charming shadow effect. An outstanding design has a ramie pile, with a flaked filling in the flat woven ribbed ground. It makes an interesting upholstery or drapery fabric with combined colors, such as taupe pile on a ground of taupe and red. The design catches the light a bit oddly at irregular points on its edges, giving an antique effect. Some designs, such as large Renaissance patterns, are given depth and richness by *stiré* and *jaspé* effects. Another new fabric has the design outstanding from a flat silk pile ground. The combinations are endlessly varied.

Some people may be surprised to find that they have jute in their houses. If you have a new brocatelle with a handsome bold design it will doubtless have a little jute as well as linen worked into it for weight and character. Burlap and monk's cloth, in basket weave, for screens, wall coverings, portieres and over-draperies may be of all jute or jute and cotton. Ornamented with openwork design and fringed by hand, it is used for table scarfs as well as drapery. Striped materials resembling coarse linen, richly colored in red, tan, blue and green, orange and black, are effective for decoration. Jute is hand or machine printed. Wide jute taffetas, with 25% cotton, printed in floral and bird designs, make strong slip covers, that wrinkle less than cotton. A new hand-blocked jute successfully imitates Jacobean crewel embroidery. It shuts out light completely, not being translucent, and so gives the full value to

its design; it is very good with rough plaster walls and beamed ceilings, the ground black, natural color or brown. Tapestry designs are printed on both sides of a jute fabric for portieres. Good jute costs a little less than linen and more than cotton and adds a linen-like quality to cotton fabrics. Besides brocatelles, cotton damasks are sometimes given an antique look with more body and weight by adding a little jute.

Much jute comes from India. The plant is cut at time of flowering and the fibre prepared by a process somewhat similar to the treatment of flax for linen.

Haircloth that "wears like iron" is not a thing of the past. With the revived interest in early American furniture, even plain black haircloth may again appear on the kind of chairs and sofas it used to cover. It is still used to some extent in the South and in Pennsylvania. Brown is preferred in other sections of the country, usually for dining room chairs. Woven on a coarse cotton warp and in small geometrical compartment designs, it makes a good seat for mahogany chairs. Blue is the favorite color, in a medium dark shade, then green and gold, black and gold, gray, and drab. Clustered stripes, red and green, and broad stripes of red with narrow stripes of green are quite effective. Fine, deep-toned red or brown are the favorite New England colors.

Camel's hair is often classed as wool except by merchants. It is remarkably soft, silky, and strong, and if we have an Oriental camel's hair rug in its natural brown color with hand woven design mostly red, it finds a suitable place in the hall, living room or bedroom. If we have a camel hair blanket, made of the softest hair from the camel, we treasure it for years. Hair from the faithful cow and from many other creature goes into blankets, but none is so soft and substantial as that from the camel of the East.

HUMAN ingenuity uses almost all kinds of growing thing to make a fit for weaving. If it cannot be spun, that twisted into a thread, it may be used for "filling"—the cross threads or woof of fabric. Japanese grass in delicate fibres woven and backed with paper, forming an artistic wall covering for the living room, library, hall, or the office. It may have rich metal-like background, and sell for \$5 to \$10 a roll. Heavier grasses and lig straws are woven into rugs and mats w

(Continued on page 104)

FURNITURE OF COLONIAL MEXICO

*Brought Over by Soldiers of Fortune, It Differs Vastly
From That Brought by the Pilgrim Fathers*

MARQUES DE SAN FRANCISCO

THE household furniture of the early Spanish settlers in Mexico was necessarily of a very simple character. These settlers, being mere soldiers of fortune, did not care to have luxurious homes, as long as they were ample and strong. But soon rich hangings began to appear, and at the beginning of the 17th century foreign travelers were struck by the luxury displayed in many a palace, richly but tastefully furnished. An apartment in the Viceroy's palace was decorated, by order of the Marqués de Falces, with mural paintings of battles, and the hall of comedies in the same building was embellished with a fresco in which were depicted "the trees of the grove, the flowers of the field, the waters of the valley, the noise of the chase, and the repose of the desert." This style of mural ornamentation was aptly called *grotesque*.

Silk damask, brocade or velvet hangings, however, were much more in vogue during the greater part of the Viceregal period. Several kinds of damask came to Mexico, taking their name from their place of origin,—Chinese, Italian, Toledan or Granadan, all of very beautiful patterns, such as olives and pine-apples, baskets of flowers, crowns, angels, fruits and so on.

That tapestry was used in New Spain was easily proved by Colonial records, and

it was only natural that there should be splendid tapestries in the Colony, since Flanders, then subject to the Spanish Crown, was one of the greatest producing centres in the world. The best existing examples thereof are undoubtedly those contained in the splendid set displayed in the Cathedral Chapter-Room at Puebla. For many years it was supposed that they had been a present from Charles V, but as a matter of fact they were brought to Puebla at the beginning of the XVIIth century by don Juan Núñez de Villavicencio whose coat-of-arms is to be seen on the topmost border of each piece.

Towards the second half of the 18th century, when the walls of a room were not covered with tapestry, damask or velvet, they were hung with hand-painted wall-paper imported from China. Sometimes, figures of stars, birds, butterflies and other objects were cut out of different colored

(Continued on page 118)



A group of Colonial Mexican furniture, showing the typically Spanish lines of its original home. From the collection of Señora Martínez del Río



An armchair, from the collection of Señora Martínez del Río, a piece dating from the rococo era of Spanish furniture



Splendid tapestries were brought out by Mexican settlers. This example hangs in the Puebla Cathedral



A leather trunk with iron fittings, dating from the 17th Century and obviously the sort of thing a soldier of fortune would have



For a colonial interior comes a quaint early American maple day-bed, with low, sturdy posts shaped like inverted acorns. It may be covered in glazed chintz or an old-fashioned candlewick spread. Mrs. Gillette Nichols

THE VERSATILE DAY-BED

(Below) In a room with blue-green walls, a walnut Directoire day-bed has been used. The chintz covering is cream and blue-green, trimmed with lacquer red taffeta. From Diane Tate and Marian Hall



(Above) The painted Directoire day-bed covered in striped green silk, the old French screen with its decorative design of branching trees, the graceful portrait of an 18th Century lady, and the fine Aubusson rug create a wall group of unusual distinction. Miss Swift, decorator



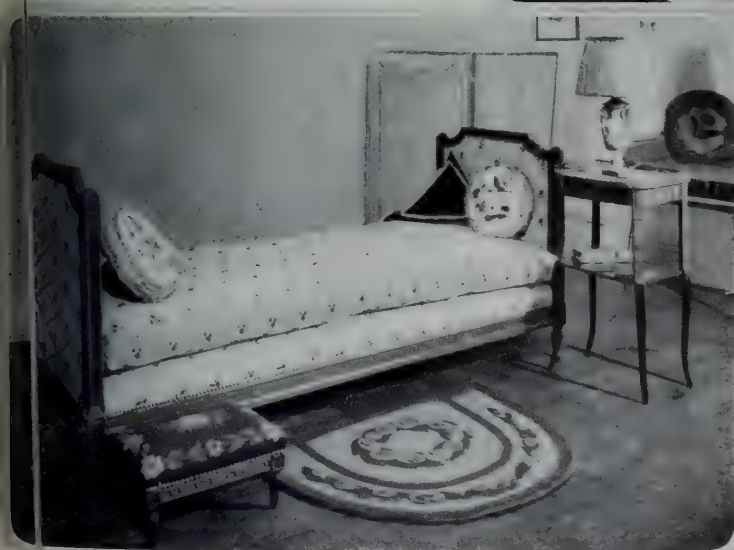
An interesting feature of the painted Directoire day-bed above is the variety of upholstery used. The seat is done in antique satin and interest is given the ends by covering one side with a flowered chintz and the other side with a lightly checked cotton

A graceful French day-bed in antique walnut has a delightful covering of yellow cotton embroidered in tiny sprays of flowers in rose, mauve and green. This material is quilted on the head and foot boards. Agnes Foster Wright was the decorator



An upstairs sitting room in the home of Mrs. Archibald McNeil, Jr., in Black Rock, Conn., has a walnut day-bed covered in heavy red silk that matches one of the deep tones in the decorative figured wallpaper. Chapin, Harper & Dutel, decorators

(Below) A room done in the French manner has a Louis XVI day-bed painted old white and covered in cream and crimson toile de Jouy. The curtains are made of red taffeta and trimmed with cream colored ruffles. E. A. Belmont was the decorator



T E N P O P U L A R P E R E N N I A L S

*Some Notes on the Selection, Care and Propagation of
What Is Perhaps Our Most Widely Favored List of Flowers*

FRANK B. MEYER

SPRINGFLOWERING BULBS—Crocuses, Snowdrops, Scillas, Narcissi and Tulips. Order early, in June if possible, hard and firm bulbs. Plant Narcissi early in the autumn (before October 15), not over four inches deep; Tulips a month later, the early types to be covered with four inches of soil and the late-blooming—Cottage, Breeder and Darwin—with about six inches, not quite so deep in heavy clay. Let there be provided rich soil beneath the bulbs for them to feed on; but let no manure touch the bulb; bonemeal is safe. In the shrub border near the front, or in the perennial border, plant five or ten or more, all of one variety, in one spot, of Narcissi or late Tulips. Early Tulips should be used for bedding.

IRISES. Buy, after very careful study of varieties, plants to set out late in June, *i.e.* soon after they have finished blooming, where drainage is sure to be good, with no manure or humus from any source; bonemeal and acid phosphate are good to use. Cut back the foliage and work the soil firmly among the roots, with the rhizome (fleshy rootstock) barely covered with soil.



The Iris, in many varieties, ranks among the very first of all the favorites



A garden without Phlox would lack one of the loveliest and most reliable of plants



The freshness and gaiety of the Daffodil is typical of the Spring flowering bulbs



No other flower holds a more heavenly hue, or carries it more gracefully, than the Larkspur



If any one perennial can be said to be more popular than all others it must be the Peony

Hemerocallis combines a lilylike quality of form in flower and foliage with a bright yellow coloring



COLUMBINES (*Aquilegia*.) Plant in fall or early spring, in half shade or full sunshine. Sow seed in June or late in the summer, in a carefully prepared bed, under a lath screen, and do not allow to dry out. Seedlings started late in the year would better be protected by means of glass.

DAYLILIES (*Hemerocallis*.) All varieties are desirable, except the brown, *Fulva*, which is coarse, and they vary greatly in stature and in season. Plant the clustered fleshy roots in fall or early in the spring, preferably along a stream bank or in partial shade.

(Continued on page 122)



The Chrysanthemum, in almost any of its late flowering varieties, is the autumn king of flowers

The Columbines offer a wide choice of colors and sizes, from white to deep maroon and dwarf to giant



But if there is rot, first cut it away and dip the plant into a strong solution of permanganate of potassium. Japanese Irises like cool manure, such as that from pigs or cattle. They should be planted early in the spring or in August or early in September, while the common Irises may be planted at any time when the ground is not frozen.

They must be covered for the winter with leaves or straw mulch. (All small plants set into the ground in the fall should be protected, the first year, by a sort of shading, in the form of a mulch, against the alternate freezing and thawing of late winter and early spring, which would lift them out.)

PEONIES. Plant clean sound divisions, never clumps, pruned back to only two or four eyes, of only really good varieties in deep soil, with plenty of humus and bonemeal, early in the fall, with the crown not more than two inches below the surface of the ground. Leave undisturbed for ten years or more unless you desire to propagate. Remove old seed pods and stir annually in the fall bonemeal around the plant.



This garden lies directly off the living room and makes an alluring bid for invasion with its pleasant design in a June dress of Delphiniums and a flag-marked walk beyond under a rose arch to a shaded seat

The grounds of the garden above have this delightfully simple, white painted paling fence for enclosure, and a garden umbrella as a useful and effective bit of incidental shelter. Preston St. G. Floyd, owner, Cleveland, Ohio

THREE PAGES
OF TWO GARDENS
FROM THE
NORTH AND SOUTH



At twenty-four, in 1841, a Mrs. Ferrell began these gardens after being told she was doomed by fatal illness. She lived to work on them until the Civil War put a stop to landscape gardening



Without a plan or any skilled labor, Mrs. Ferrell created these romantic fantasies in Boxwood. The knotted parterre above occupies one terrace; the "grape cluster" at the left hangs across another



Tolbs & Kneil

The design in the foreground of the main terrace above is that of Mr. Ferrell's Masonic emblem. The garden wall at the right, with its interesting masonry construction, separates two of the lovely lower terraces of the garden



The house, with its splendid Classic façade, which was burned to the ground, has been restored and remodeled along its original dignified lines for its present owner, T. E. Callo-way, by Hentz, Reid & Adler, architects

THE FERRELL
GARDENS AT
A GRANGE,
GEORGIA



Ramondia pyrenaica loves shade and a vertical position where water is easily shed from it. Its flowers are blue. From Mr. Lowen's garden



Cyclamen hederifolia, now denied us by the quarantine is hardy, and blooms at a time when flowers are few. From Mr. Lowen's garden

THE rock gardener, in search of a truth to guide him in his fashioning with rocks and living green things, will find none more helpful than that proportion is beauty.

This axiom, taken to heart and acted upon, enables him to draw his little hills and vales, his jutting cliffs, his paths, pools, shrubs and plants into such happy adjustment to each other and to the surrounding topography that the result spells reality and beauty, instead of unmeaning confusion.

And not the least significant of these adjustments has to do with the plants and shrubs chosen to clothe the bit of rugged country that a well-conceived rock garden is designed to portray. The more restricted in size and scale the small landscape, the more diminutive should be its flora and silva, for it is a fact that one great gawk of a plant allowed to cling to a miniature mountainside, will contrive to throw the whole out of scale, just as conversely a tiny spruce or cedar, well placed, will endow the little scene with reality and atmosphere.

Where the construction is bold and extensive fairly large subjects may be used, but, generally speaking, the ends of beauty and relevancy are best served when the plants chosen do not exceed a height of one foot, nor the shrubs a greater stature than three feet when full grown. Among shrubs and plants within these limitations is a wide choice, and some are fit and some are not for the purposes of the rock gardener.



Anemone blanda, the Greek Windflower runs through soft rose, deep and pale blue, pure white. It multiplies from self-sown seed with fair rapidity. From Mr. Lowen's garden

WHAT IS A ROCK PLANT?

An Introduction to Rock Gardening

LOUISE BEEBE WILDER

alien surroundings—is to pass up the opportunity for the keenest interest and enjoyment, and to commit an obvious absurdity. There is no possible reason or excuse for going to the expense and great labor necessary to build a large rock garden in order merely to accommodate plants that would be far happier in the level borders. Yet up and down the country one sees magnificent sites and laboriously constructed rock works devoted to just this banal usage.

What, then, are the plants to which these very special surroundings should be dedicated? Long ago made for myself this resolution; a rock garden should be devoted to the exclusive use of hardy plants of dwarf stature that require special conditions of soil or situation, and those too small and fragile to hold their own, or



Healy

This rock garden under construction for Mr. Ralph Troxell, at Bronxville, N. Y. offers a wide diversity of sun and shade and natural rock outcroppings.



Healy

Note the great number of buds at the heart of this Italian Bellflower (*Garganica*). It will presently turn into a mound of pale blue stars

display their charms in the early-burly of the ordinary orders, yet possessing beauty of leaf or blossom in a sufficient degree to make them worthy of a special setting. This has proved a good rule. It permits a wide and catholic choice while steering us away from the incongruity of sophisticated border plants playing at being mountaineers, and saves us from the dangers of such insatiable marauders as Round Ivy, Bugle, Goutweed, Moneywort and Creeping Jenny, free-booters too often given the character of rock plants in high standing, which should never be allowed within the precincts set aside for the housing of choice plants.

Custom has bestowed upon the terms rock plant and alpine a somewhat broader meaning than recently obtained. An alpine,

The true *Sedum pulchellum*, a biennial from Virginia. It bears pink flowers, self-sows freely and makes a good ground cover for small bulbs



With grey leaves and pink blossoms the Hymalain *Androsace sarmentosa* is choice and easily grown. Give it sunshine and a well-drained soil

With this article is begun a series of articles on rock plants and rock gardening by Louise Beebe Wilder, one of our most distinguished amateurs and writers on those subjects

Silene pennsylvanica is a bright pink-flowered native of eastern wooded hillsides, enjoying a partially acid soil and partial shade

strictly speaking, is a plant growing upon a mountain above the timber line. Today any high mountain plant—and indeed some that never saw a mountain—is credited with being an alpine. The term rock plant suggests rocky surroundings, but we now gather our “rock plants” from wood and meadow, prairie, bog and shore, and our only restriction is that they be of dwarf stature and of a general character and disposition to look well and to thrive in a rock garden. But as I before said, just any dwarf plant will not serve. Mere dwarfness should not provide a ticket of admittance to the rock garden. For many a small plant has no beauty and many a one is too gardenwise to appear well among the wild things that chiefly constitute our delightful company.

(Continued on page 150)

This Saxifrage forms miniature bright green cushions with myriads of white blossoms at mid-spring. It requires light, shade and a sandy, leaf-moldy soil



Healy

WINTER BEAUTY

in the

WOODY PLANTS

E. H. WILSON, V.M.H.

NOT in the darkest and most dreary of winter days is a garden of trees and shrubs devoid of beauty. Their leaves have fallen but the deciduous woody plants stand boldly forth and display to full advantage their buds and barks. Indeed, it is winter when naked that the particular characteristics of their habit and form are most clearly pronounced. A garden of herbs at its best has its charms restricted to three seasons of the year, but a garden of woody plants has no such limitations; its charms are perennial, varying in aspect throughout the four seasons. A fall of snow covers the ground and hides all herbs from view, but to the trees and shrubs it is merely a foil which heightens by contrast the beauty of the architecture.

Throughout the winter berries of red, white and black bejewel the bushes of Barberry, Cotoneaster, Black Alder, Snowberry and Privet as do shining scarlet fruit the Hawthorns. In the HOUSE & GARDEN issue of last September the merits of Hawthorns in general are expatiated upon.

The bark of the White Birch is the most effective of all trees in winter, particularly when seen against an evergreen background



The branches of the Sea Buckthorn carry a wealth of orange-red berries from October to March



The American Beech, clean limbed and soft gray, is one of the splendid sights of the winter landscape



Here it suffices to remark that the gray winter landscapes can be cheered remarkably by the planting of certain kinds, notably the Washington Thorn (*G. cordata*) and Sargent's *G. nitida*. Both have shining bright scarlet fruits persistent until April with scarcely any perceptible loss of lustre. The Washington Thorn is a small tree with more or less rounded crown made up of slender branches. The other is a flat-topped tree with rigid wide-spreading branches. In habit these two Thorns are complementary and in beauty they are not surpassed in winter by any tree or shrub hardy in the colder parts of this country.

The branchlets of the Elms, Silver and Red Maples are crowded with clustered flower-buds. On the Birch and Corylus hang in thousands clusters of gray, male catkins, and the stems of the Goldenbells, Spicebush, Leatherwood, Japanese Witch-hazel are studded with flower-buds. All are ready to burst into bloom at the first blush of spring. Occasionally in a mild February some of these incautiously open their flowers only to be nipped by heartless Jack Frost. Nor are flowers altogether lacking, for in normal winters a Witch-hazel (*Hamamelis vernalis*), native of the gravelly river-beds of Missouri and elsewhere, unfolds its yellow star-like flowers, the petals spreading from a wine-colored calice.

The winterbuds with their closely packed scales which protect the tender growing points are also full of interest. In the Beech, the winterbuds are long and

(Continued on page 106)

The Hemlock (*Tsuga caroliniana*), always a fine rich green, takes on an even deeper and more delightful hue in winter



Tatarian Dogwood (*Cornus alba*) is a handsome, heavy shrub with branches of brilliant red



The fruits of the Black Alder are scarlet and thickly clustered along its stems in winter





G. W. Harting

(Above) An excellent desk for a Colonial living room or man's study is this reproduction of an unusually good early American secretary. Courtesy of Erskine Danforth

(Below) When a note of color is needed in a room it might be supplied by a small lacquer secretary in dull turquoise blue and gold, florid but fine. The New York Galleries

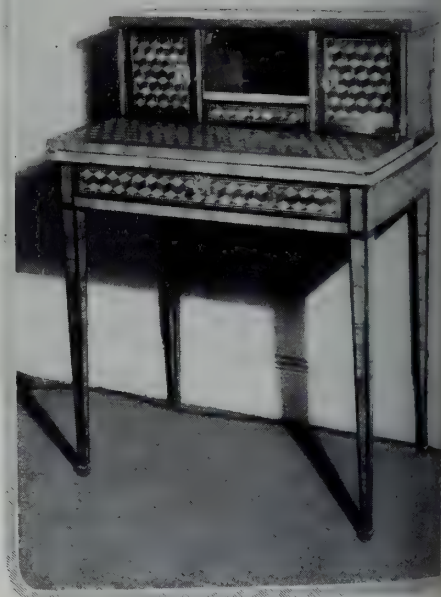


(Below) This mahogany secretary with its graceful arched top, drawers and space for books would add interest to a library or a living room. W. A. Hathaway



(Above) For a bedroom morning room a reproduction of a Duncan Phyfe mahogany table makes a charming desk. Erskine Danforth. Accessories from Scott Robertson

A reproduction of a Louis XVI desk with an inlay design in tulip and rosewood might be used in a bedroom or small French sitting room. Courtesy of the New York Galleries



CHOOSING THE RIGHT DESK

commodious kneetable desk with a mirror in the center three on each side excellent type for large living room, study or man's room. May be had in walnut or mahogany. The Hampton Shops



A charming reproduction of an English 18th Century mahogany desk is shown below. It has a convenient interior arrangement of shelves, drawers and small cupboards, and three drawers underneath. W. A. Hathaway Company

and graceful and exceedingly practical on account of its many drawers, the walnut kneetable desk shown in the picture below is suitable to many types of rooms. Desk and accessories from R. H. May & Company





*The Monuments of Paris, a scenic wallpaper printed by Dufour in 1815.
From Historic Wall Papers, by Nancy McClelland*

A SHELF OF HOUSE AND GARDEN BOOKS

This Season Is Especially Fertile In Valuable Works on the House and Its Garden

IT is an encouraging sign that so many excellent books on the subject of the house, its decoration, its architecture and its garden, are being published today. The appearance of these books presupposes authorities to write them and a buying audience to read them. Many volumes on these subjects have been poured forth from the press in past seasons, but the last few months have produced books so superior and so important that their appearance cannot be passed without comment. We have therefore selected the following volumes for

our especial commendation and recommendation to those who would enrich both themselves and their libraries.

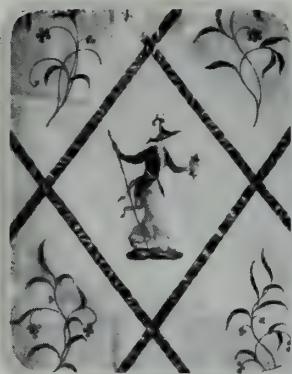
HISTORIC WALL PAPERS. By Nancy McClelland. J. B. Lippincott Co.

The appearance of this handsome, robust and scholarly tome comes somewhat as a jolt. Until its pages are turned you scarcely have realized that wall papers had such a lineage. And perhaps you never realized that, until Miss McClelland undertook this work, there never was written or compiled

a definitive history of wall paper. She ventured forth on practically an uncharted sea. The result of her voyaging is a very complete and illuminating.

The early stirring of the wall paper was first felt in France, around 1690, with papers imitating landscapes and historical scenes began to serve as tapestries. The next step was the application of sheet of decorative paper to walls, paper made of *dominotiers* for the trimming of beds. Then imitations of fabrics began to appear.

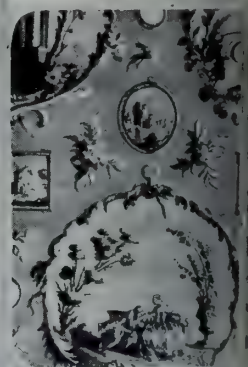
(Continued on page 126)



A stenciled and hand-painted Chinese paper done in France in the early 18th Century. From Historic Wall Papers



The residence of Egerton L. Winthrop, Syosset, L. I., an example of the Colonial type of architecture as applied to an orchard setting by Delano & Aldrich, architects. From American Homes of Today, by Augusta Owen Patterson



A fragment of English wall papers in oil colors from wood blocks. From Historic Wall Papers



Broken corners and irregular lines lend interest and help to reveal the real nature of the slates



Closed and rounded valleys give continuity to roof surfaces which are broken by dormers and gables

If the slates are heavy, or throw strong shadows throughout a great expanse of roof, the house walls below should appear equal to sustaining comfortably the roof load above. Cross & Cross, architects

THE SLATE-COVERED ROOF

*Durable and Fireproof, Slate Also Runs Through
A Considerable Range of Nature's Own Coloring*

FREDERICK HOUSTON

WHEN the powers that be were planning the crust formation of this earth of ours, the happy thought must have occurred that the future occupant of the surface had better be provided with material for roof covering. So in many parts of the world, in the shaping up of the rock deposits, material was put in, which as in many stone formations, had the usual cleavage or layers on a large scale, and likewise would split readily and into thin plates across the strata and afford thin plates of rock unburnable, durable in the weather, and generally beautiful and soft in color. Nature has not been slow in laying these deposits, for wherever they occur, the slate roof has been prevalent. Today, with easy transportation, this use is not confined as it once was to the locality provided with slate deposits. Slate finds its way to districts which are quite unblest with natural supplies of their own.

We associate the use of the baked clay, or tile roof with ancient Greece and Rome, and with Latin civilizations. Slate places

itself in our minds with Gothic and Western civilizations, and it has been in many parts of Western and Northern Europe that the use of slates for roof covering has been constantly habitual from early times.

When an English home comes to mind, an ancient one, we unconsciously have a slate roof upon it. England was blessed with large and scattered deposits of this nicely splitting rock and so has continuously used this roofing material so fortunately planned in just the right way by nature.

When the Romans were in England, they appear to have followed the habit of their Italian peninsula, and used tile of fired clay for roofing. The English Cathedrals frequently had their roofs sheathed in lead, but the accompanying less monumental buildings of the time, the parish churches, the monasteries and the larger homes, show generally the use of either shingle tile or of slate, the latter being used whenever it was to be had from near at hand. This mediaeval use of slate was always very

beautifully handled. The walls were most often of stone, and the slates—by carrying Nature's own stone coloring up into the roof—brought about a quiet and beautiful harmony between roof and wall. In laying their slates, the mediaeval builders had no conception of extreme regularity and preciseness, either in the surface or the edges of their roofing material, (Continued on page 142)



Graduated in size, thickness and exposure, slate here affords a fitting covering for the beautiful stone work of the walls. The late Bertram G. Goodhue was the architect



McFarland

The flowers of Evelyn Thornton start apricot and copper and gradually turn to flesh pink with shading of orange. It is a free bloomer



Almost as large as a Hybrid Tea's are the flowers of Gruss an Aachen—flesh pink overlaid with yellow, and with deep green foliage



The buds of Tip-Top have Tea form, tipped deep rose, and inner petals golden yellow splashed with pink. It blooms in spring and fall

LOW-GROWING ROSES

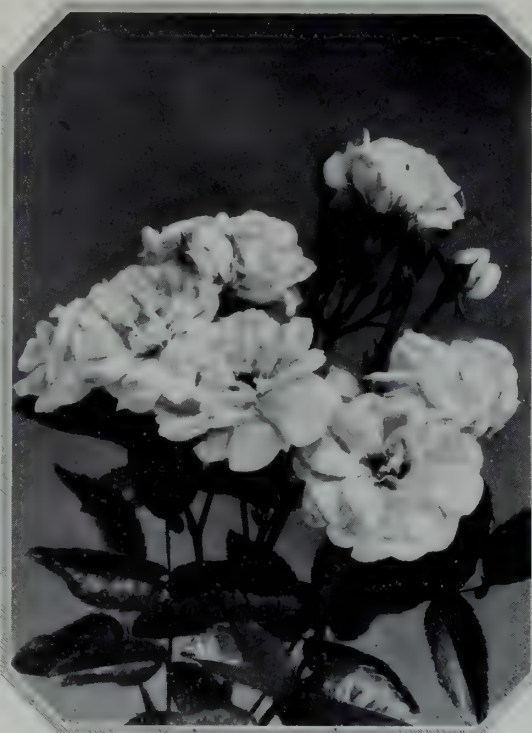
*A Great Variety of Colors and Forms of Bloom
Is To Be Found in This Interesting Group*

J. HORACE McFARLAND

DWARF roses suffer from several names, and none of them is entirely satisfactory. They are called Polyantha, from the Latin termination *Rosa polyantha*, which is an orphan name since there is no such species admitted into the consanguine limits of botanical relationship. They are called Baby Ramblers, which is a contradiction of the facts, since these Roses are neither babies nor do they ramble. And they can be called low-growing Roses, which isn't a bit poetic. However, here is a case where the adage is proved—you can call this group of Roses by any other name you please, but they will smell and appear just as sweet.

There is a form of the Japanese *Rosa multiflora* with which the Fairy Rose of China (*R. chinensis minima*) has been combined, and this has produced the basis of what we call the Polyantha Roses. A literal translation of the German title for the class fits the situation better. In Peter Lambert's comprehensive catalog issued just before the war, the class is called *Vielblumige Zwergrosen*. These Roses certainly are "many-blooming dwarf Roses."

I well remember coming first in con-



Yvonne Rabier is a pure white with yellowish shading at the base of the petals. Buds are clustered and produced abundantly

tact with the class, about 1880, when there arrived at my father's greenhouse two interesting dwarf Roses. One was *Anna Marie Montravel*, and the other was *Paquerette*. The latter, I find, is still in European commerce.

Generally speaking, the Polyantha Roses are dwarf as compared with the Hybrid Tea and Hybrid Perpetual Roses, and they are much more nearly everblooming than other Roses, largely of the distinguishing characteristics of the flowers that develop on them. Another of the distinguishing characters of the most of the group is the cluster-flowered quality, which is a direct consequence of the multiflora relationship, that relationship also adding more than average hardiness, so, that, at least in my experience, the Polyantha Roses go unharmed through a winter which will considerably bother the Hybrid Teas.

European hybridizers both in France and in Great Britain, and more recently in Holland, have done considerable work with the Polyantha Roses. Peter Lambert's catalog above referred to, describes seventy-three sorts, and at least twenty-five or thirty have been added since. Selected down by the more discriminating



In the foreground is a massing of Aennchen Muller, a medium double deep rose blooming from June to Fall



Among the bright scarlets is Ideal, with flowers that are persistent in their beauty. It is also the best of its color

g Luxembourg Rose growers, Metten Brothers, we find in 1923 forty-nine varieties described, to which several of real importance have since been added.

The Rose which in the United States fastened upon the class the name of "Baby Rambler" came out because the well-known Crimson Rambler was hybridized into the family in 1904. It is hard to handle the name *Mme. Robert Levasseur*, wherefore the American terminologist christened that Rose "Baby Rambler," evidently overlooking the fact that it was but one of many varieties not at all properly described by that name. The original Baby Rambler, by the way, continues to be one of the most persistent and dependable varieties, but its magenta color makes it less desirable than the others.

Nowhere has the peculiar quality of variation without respect to parentage more specifically manifested itself than in this Polyantha group. We have the lovely *Gruss an Aachen*, which, if it were not called Polyantha and classed with the dwarfs, might do extremely well as one of the best Hybrid Teas, because it has large flowers and many of them. We have also the dainty *Tip-Top*, which produces perfectly formed miniature Tea Rose buds with an extraordinary and indescribable coloring of yellow and pink, and everything between them. This little *Tip-Top* just naturally suggests that the bud was particularly designed to be a buttonhole Rose.

Running somewhat parallel to *Gruss an Aachen*, and obviously
(Continued on page 116)

DISGUISSING A COLLECTION

*How The Enthusiastic Collector Can Make
Both His Treasures And His Family Feel At Home*

GARDNER TEAL.

OF late, there has been noticed a tendency to turn homes into museums, at least certain rooms in them. That is to say, old-fashioned museums. The museum of today no longer is willing to remain a mere *omnium gatherum*, but seeks, as nearly as possible, to arrange its treasures in such a manner as to give them the appearance of furnishings, to re-create in this way something of the atmosphere of the ages which produced them, since beautiful things were not made by oldtime craftsmen for museums but for houses and other buildings and purposes.

How often we find present-day collectors forgetting this fact. As a consequence, their houses appear to their friends as anything but attractive homes, since (unfortunate though this may be) one's hobbies are not always shared by one's intimates. Where the interest does not seem to extend even to other members of one's family, could any arrangement be more unfortunate than forcing one's family to dwell amidst showcases and undecorative shelves whose treasure of art can lend no more attraction to a room than can bowls of jade on the shelves of a kitchen pantry.

This may seem an extreme case, but my experience teaches me that it is not. A little sermon might be preached upon the subject; doubtless little sermons frequently have been, but behind closed doors to audiences of one, obdurate and unregenerate.

THE gift of admiration, of comprehension, the single faculty by which the ordinary man becomes the brother of the poet, is rare in the city of Paris, says Balzac's *Cousin Pons*; it is rare in any city, more rare still in any town or village: indeed, the further removed from a metropolis a collector is, the more lonely he may feel as a hobbist. Some Louis may declare "*L'Etat, c'est moi!*" but nothing can make a family believe its interests are centered in the acquisitive entity of a collector of antiques if the said family has other interests which are not the interests of its antiquarian member.

In *The Prisoner Who Sang* Johan Bojer says, "Things possess just the value the human mind gives them," and so it is that the more we know of the worth-while side of things, the more interesting those things become. "Bric-a-bracology," somebody called it. Of course homes must have things, but no home should become exclusively a lararium. That is the case against those who, in their enthusiasm for

collecting, turn their house into museums: they have lost their sense of proportion. I suppose contact with such people led Colton to say that a thorough-paced antiquary not only remembers what other people have thought proper to forget, but he also forgets what other people think it proper to remember! Custom has associated the word "collector" with that of "antiquarian," but I know many, very many persons who, while decrying traditional collecting, wondering the while what on earth is in people to make them so perverse and peculiar as to wish to collect, do themselves, at the same time, constantly gather up contemporary trifles by the cartload.

When I refer to contemporary trifles, I do not wish to be thought to disparage the things of today that do not deserve it. As a matter of fact, never in the world's history were more things of interest and beauty being turned out than at present. It amazes me that there are so few extensive collectors of the beautiful things of today's fabrication. The pathetic part of it is that people still too often turn away from these things to patronize the vast production of the artistically worthless, thus adding blind, deaf, dumb and soulless lares and penates to the gallery of the household gods. In *The Treasury of Ancient Egypt* Arthur Weigall writes: "Nor must it be forgotten that modern objects of modern design will one day become antiquities; and it should be our desire to assist in the making of the period of our lifetime an age to which future generations will look back for guidance and teaching. Every man can, in this manner, be of use to a nation, if only by learning to reject poor work whenever he comes upon it—work which he feels should not stand against the criticism of Time."

WE cannot, of course, admit that beautiful new things without a history can compare with beautiful old things which have historical associations. But how few new objects of art are without historical antecedents? And if these enter our homes naturally, that is to say, if they enter into the general decorative scheme without intrusion or obtrusiveness, why should not old things do this as well?

I have seen the living-room of a collector of Japanese pottery ruined by the disposition of his treasures in cases about the rooms, cases for all the world like a country grocer's. Coming upon them one almost expects to find advertisements ground into the front glass or gilded on the panels.

Another collector of Japanese pottery whom I know has so arranged all the pieces in his collection that they form units in the harmonious decorative arrangement of his living-room and in no sense give a visitor the feeling that he has dropped into a museum to spend the evening.

It is true that many a collector brings down unhappiness upon his own head by arranging his collections in his home in such a manner that exasperated lay persons are tempted to consider them as frippery, or to call them frippery even when they know better. I recall visiting in a family having as one of its members an enthusiastic collector of minerals. His collection littered up one end of the library and as you tried to move about, it was like taking a trip from Parnassus to the Rocky Mountains. In another house I had seen a much more extensive collection which my host and hostess had taken great pleasure in forming and for which beautifully designed cabinets had been made in the walls, fitting in with the architectural decorations of the room. Concealed springs released sliding panels which when moved aside, revealed the glass shelves of the cabinets behind inner glazed doors with a light switch at hand. Turning this on the specimens of crystals and the like were beautifully illuminated by the concealed lights. Such a collection was surprise and a pleasure to everyone to whom it was shown.

I AM no collector," says one of Clarence Dane's characters in *Wandering Stars*, but I like using beautiful things; this after he has filled for his guest "a glass that a doge had stolen sleep from." The collector would, naturally enough, hold his hands in horror at such "sacrilege." Even certain contemporary productions are for beauty's sake and not for utilitarian purposes; the beautiful old things have become too few, too rare, not to deserve retirement. Perhaps the collector has found that his treasures are not safe from the roads of those who have a hankering to put everything to some use; nevertheless, there is always a way out of museumifying home and still keeping one's art objects safe from such mammals. I have seen whole houses full of things that ought to have been consigned to the flames, the ashpit at the stone-crusher; other homes in which every object used in their decoration was one of beauty and of interest.

Naturally bad taste can never be good.
(Continued on page 114)

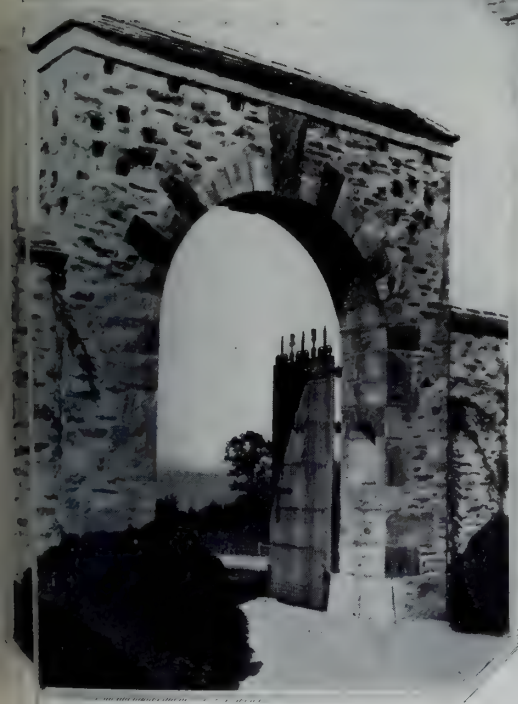
THREE PAGES
of a
SERVICE GROUP
on Long Island

THOMAS HARLAN ELLETT
Architect



Thomas B. Temple

This end of the garage, seen from the lower side, is made one of the most interesting sections of the group by reason of its recessed outside stairway and its varied wall surfaces. The inset wall is white-painted brick; the outside one gets its nice texture from bricks laid flat and on edge with some swollen faces, and from cut stone in quoins and steps



The arched entrances at either end of the court are notable for the generosity of their scale and the beauty of their heavily parged or spattered rubble masonry lined with cut stone. The holes are for pigeons



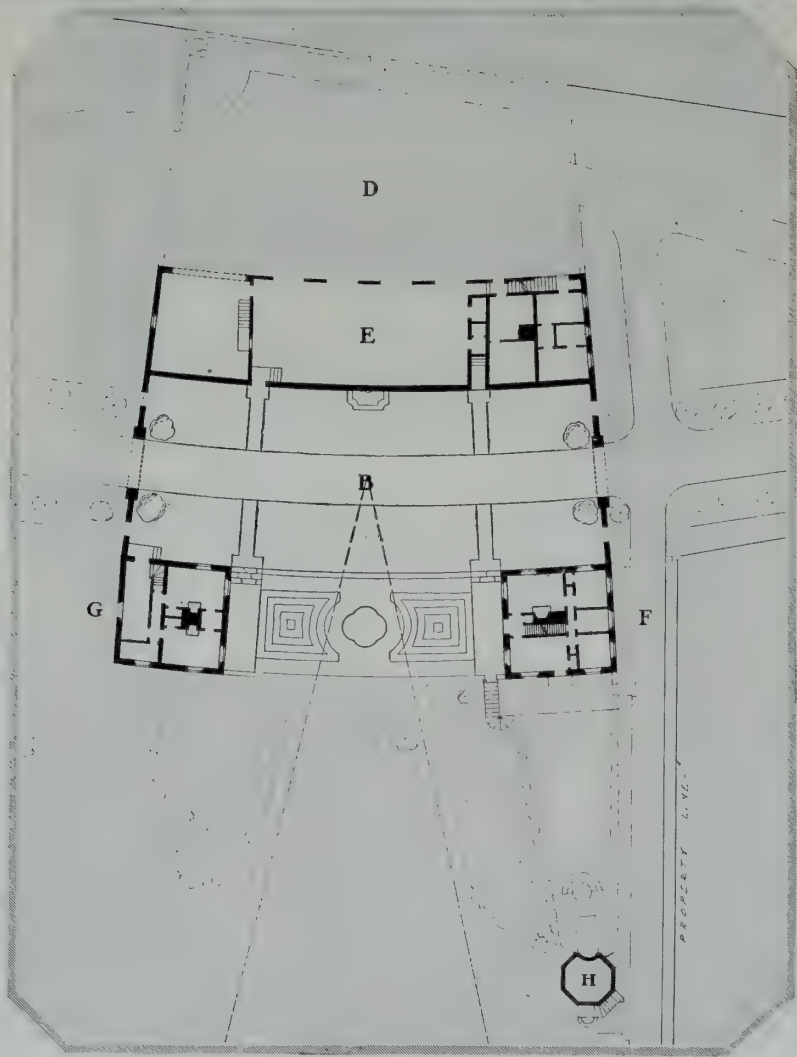
Thomas B. Temple

A COURTYARD
ON THE CURVE
OF A DRIVE
at Port Washington, L.

A raised, clover-leaf pool, with parged walls and a flagstone coping, occupies the center of the terrace connecting the guest house and caretaker's cottage. The amusing dormer on the guest house is a bit of Norman inspiration

The low wall, built on a flat curve to follow the drive, supports the terrace and carries four decorative plant stands in wrought iron. From the terrace, and framed by the two buildings, may be had a splendid view of the waters of Long Island Sound in the distance





This view from the hillside above gives a good idea of the group as a complete cluster of buildings. The walls and chimneys of parged rubble masonry combine beautifully with gray-green-black of the tile roofs

The long drive curves at this point midway between the entrance and the house site, thus forming the shape of the group plan. "B" is the view of the Sound, "D" the garage court, "E" the garage, "F" the caretaker's cottage and "G" the guest house



Harting

An effective fireside grouping consisting of two old coin de feu seats covered in green striped silk, and a pair of small tray tables is the feature of this living room. Agnes Foster Wright, decorator

BALANCED

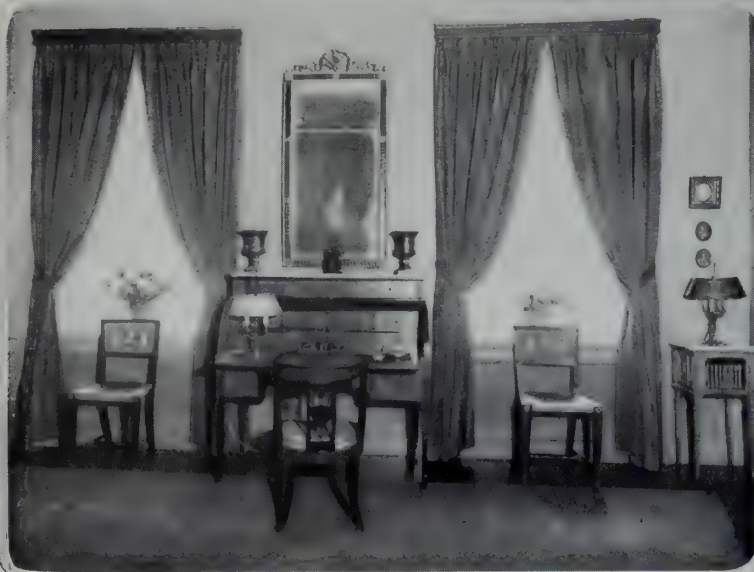
Formal and undeniably decorative is the balanced group in the room below. Here a fine old French desk is set between windows hung in crimson and yellow striped silk. McMullen, Inc., decorators



Much of the restful charm of the side wall grouping at the left is due to the balanced arrangement—a toile covered sofa flanked by chairs, tables and lamps. McMullen, Inc., decorators

GROUPINGS

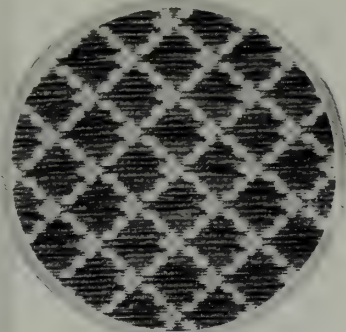
A tall, chintz-hung window serves as background for an unusually pleasing furniture group. The sofa is Italian Directoire and the chairs French provincial. Elsie Cobb Wilson was the decorator



Duryea



The heavy cotton fabric above has a light fawn ground and a design resembling embroidery in dark blue and old rose. 50 inches wide and \$10 a yard.



Sunfast cotton and silk mixture. Mulberry with blue lattice, blue with rose, sage with brown, jade with gold, blue with gold, tan with blue. 50 inches, \$7.99



An effective covering for chairs is the striped sunfast fabric above. Blue and black, black and green or tan and apricot. 50 inches, \$6.99



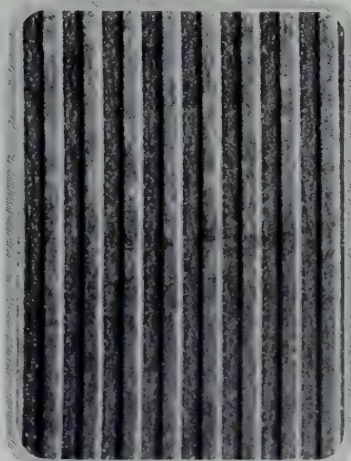
A smart new glazed chintz with either a bright sapphire blue or red ground has diamond shaped motifs in oyster white. 25 inches, \$2.10 a yard

With figured wallpaper it is sometimes advisable to have plain furniture coverings. Heavy satin in all colors is \$7.75, 50 inches wide

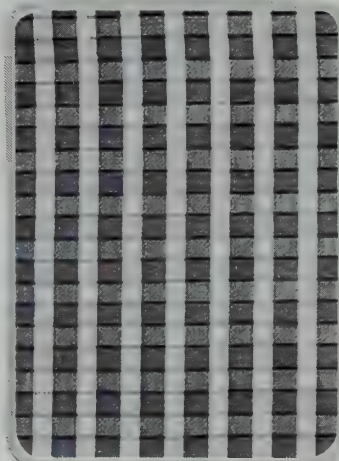


The fabric at the left comes in a strip 26 inches wide by 52 long. It has two embroidered motifs for the back and seat of a chair. \$28.75

For an occasional chair comes an excellent machine made reproduction of old needlepoint in vari-colored wool on heavy, dull-finish black satin, \$28.75



In a library with figured curtains, a soft or overstuffed chair might be covered in mohair, an unusually durable fabric with a red stripe in self tone. All colors, 50 inches, \$17



This checked cotton material would make delightful cushions or covering for the quaint French peasant chairs so much in use. Purple and tan, green and tan or brown and tan. 50 inches, \$2.75

FABRICS FOR CHAIRS

HOME - MADE ELECTRICITY

For the Country House that Lies Beyond the Source of Supply There are Small Plants of Great Efficiency

ETHEL R. PEYSER

"WE HAVE oil lamps, because there is no electricity in these parts." We hear this said in remote districts. Yet the danger due to lamps and hit or miss lighting could be so easily avoided by a small concentrated "joy machine"—namely, the electric lighting plant in its simple dimensions or great.

Good lighting has become as basic a demand as good eating. It is quite right that it should be, for good lighting means good health, and solid comfort. But there are some districts all over the world where candles and lamps seem to be the most convenient, and even the only, method of lighting, for the reason that there is no gas or electricity leading into them from the well equipped districts.

So it comes to pass that many people bewail their fate and moan. They envy those who use gas and those who have electric lights, and never think that probably they too could have these comforts if they but delved into the subject. For there are good electric plants for the home, as well as plants for home-made gas, all of which are most convenient for districts without gas or electricity.

There are two kinds of plants; that which uses the *storage* battery and that which uses but one *starting* battery. The storage battery has a voltage usually of 32, the other of 110 volts. We are going to describe first, and at length the storage types—as these predominate. Afterward we will explain the "starting" battery type.

There are many homes in the country that only need lighting and enough electricity to run domestic appliances. However, it must not be forgotten that the plants for lighting and power are superb machines and simple, making easy the tasks of farm, ranch and dairy and the very large domestic establishment.

THERE is little need for the microscope when we analyse these plants; for whenever you buy one, it is well to be able to see what you are getting with the naked eye and take no chances on hidden anatomies.

These plants consist mainly of the fuel tank, which usually holds kerosene or gasoline; the engine, the generator, and the storage battery. They are, briefly, small 32 volt electric plants of from 500 to 1500 watts capacity, which generate sufficient electricity to light 20 to 60 twenty-five watt lamps. However, think of the capacity of these machines in watts, because volts

are not capacity but pressure. If you have a machine of 500 to 1000 watts (kilowatt) you will know that you can't use a number of lamps requiring much more than 1000 watts. It is merely a question of addition. If you have five bushels of potatoes you couldn't give six people a bushel each. So rank your machine according to watts, not volts, and use it accordingly.

ALL these plants work very much on the same general principles. They all have the motor, the generator, the lubrication system, the batteries, etc. and vary only in types and varieties. One machine has one-fourth the number of moving parts of another; still another is more simple; one has a certain battery control and another another, and so it goes. Some are water cooled, some are air cooled. Each maker, of course, thinks that his is best or he would be selling his competitors'.

What we want to do in this article is to tell you of the different types that are excellent and allow you to manifest your will and sense of choice in your purchase.

Above all, in these machines, their component parts should be an open story. They should be as simple as possible without a lot of fixings to blot out comfort. If you need a plant only to make light for you and power for home appliances, one of the smaller plants will do. If you have a home in which you are using household electric devices get a machine large enough to make the amount of electricity you will need. If you have electrical farm machinery, get the machine that will take care of the present load and a little more, so that you will be able to let your efforts grow and be cared for adequately by your plant. This is good advice when buying machinery for any home or farm. Always tell the dealer exactly what you need and why and he will advise you wisely—if you have been careful in your choice of dealers.

If you own the storage battery type of plant, you need run it but two or three times a week, because you will enjoy the electricity stored in the batteries between times. However, it is advisable, when using an iron or other devices with heating elements, to start the electric plant because these things use the equivalent of twenty lamps and therefore reduce the stored electricity too quickly; "at one fell swoop," as it were!

Some of these plants come with a capacity of about 2500 watts, so that there is really no farm nor home that cannot be made comfortable with electricity, if it is

really wanted, and there can be no place too remote, to have the exquisite joy of mechanical power instead of the leg-and-arm power that becomes tiresome on a day by day basis. It is possible that these labor saving plants have given more pleasure and comfort where they are used than any other one thing.

These same power and light plants, let it be said, in passing, will run the electric motor, used to pump water. Thus, nearness to town or city need not be the condition of electric comfort of any kind. This applies only to localities not supplied with central station service. One of the smaller machines weighs 125 pounds exclusive of the batteries and wiring. Its lightness does not mean that it is better than any other plant on the market, only that you can move it about, which is rarely necessary. This portable outfit can be put in the back of your motor, if you want to use the same plant for the boat that you use for the bungalow. Furthermore, if you mean to go camping, this same plant can be uprooted and taken along. It contains nothing much to get out of order, as there are no valves to grind, no carburetor to cause ructions, no gears to get out of gear, no push rod to presume, and what is among the finest quality of this type of machine is that its fuel consumption is very low—to say naught of its low initial cost.

The smaller types are not imitations of great plants, but are plants made and designed for their own special scope and being in no way substitutes, do their work beyond reproach.

Another feature of some of the plants is that they are automatic. All that has to be done when and after the plant is installed is wiring, filling the tank with fuel, adjusting the intake as per directions, then using your lights and enjoying life.

THE batteries are charged and ready to use when installed and when the batteries get low, and it is necessary to recharge, simply press a button, as you do to start your automobile, and the motor will run until the batteries are fully charged then automatically stop. No engineer necessary. Anyone can have these plants anywhere, and enjoy the blossoms of light and power. All you need do is to keep the stocked with fuel.

The cost of electric light per lamp is about one cent per day. Oil is no cheaper. However it is always dangerous to give (Continued on page 122)

HOUSING THE GARDEN TOOLS

An Efficient Little Building in Which There is a Place for Every Tool, and a List in Which There is a Tool for Every Place

CARL STANTON

GOOD garden tools pay large dividends in usefulness and pride of ownership. Their usefulness will lessen with one's age in them if they are not properly cared for. After they have been properly selected, they should be carefully tended, and shelved efficiently. As tools accumulate the tending becomes the big problem—and that is seldom efficiently solved.

The place for which the accompanying plan and plan were made is a summer estate with lawns, flower and vegetable gardens, and the like, but no cattle or farm-land. The tools chosen are the result of much thought and investigating. It may be some for certain special operations have been overlooked, and others that might not be necessary on a small place have been omitted, but in the main the list has served well.

It seemed after visiting many toolhouses those which were of one large room presented a far more cluttered appearance than did those which consisted of two or three rooms, which accounts for the many

little rooms into which this toolhouse has been divided.

The workshop (Room 4 on the plan) was made as large as was thought necessary for the work that would have to be done there, and is 9 feet by 15 feet with a height of 11 feet 6 inches in front and 8 feet at the back. Working from this room the size of the others was easily determined—space 3 being made large enough to accommodate all of the gardening tools, space 2 just wide enough to allow the wheelbarrows to be run in and out without endangering the hands of the men, and space 1 with space to walk around the lawnmower when filling the oilcups, and cleaning it. The rooms on the other side of the workshop might vary in size so long as their entire length equals that of the first three. The entire building as planned has a total length of 43 feet. The rooms are a little over 12 feet deep, and their height is about 18 inches less than that of the workshop.

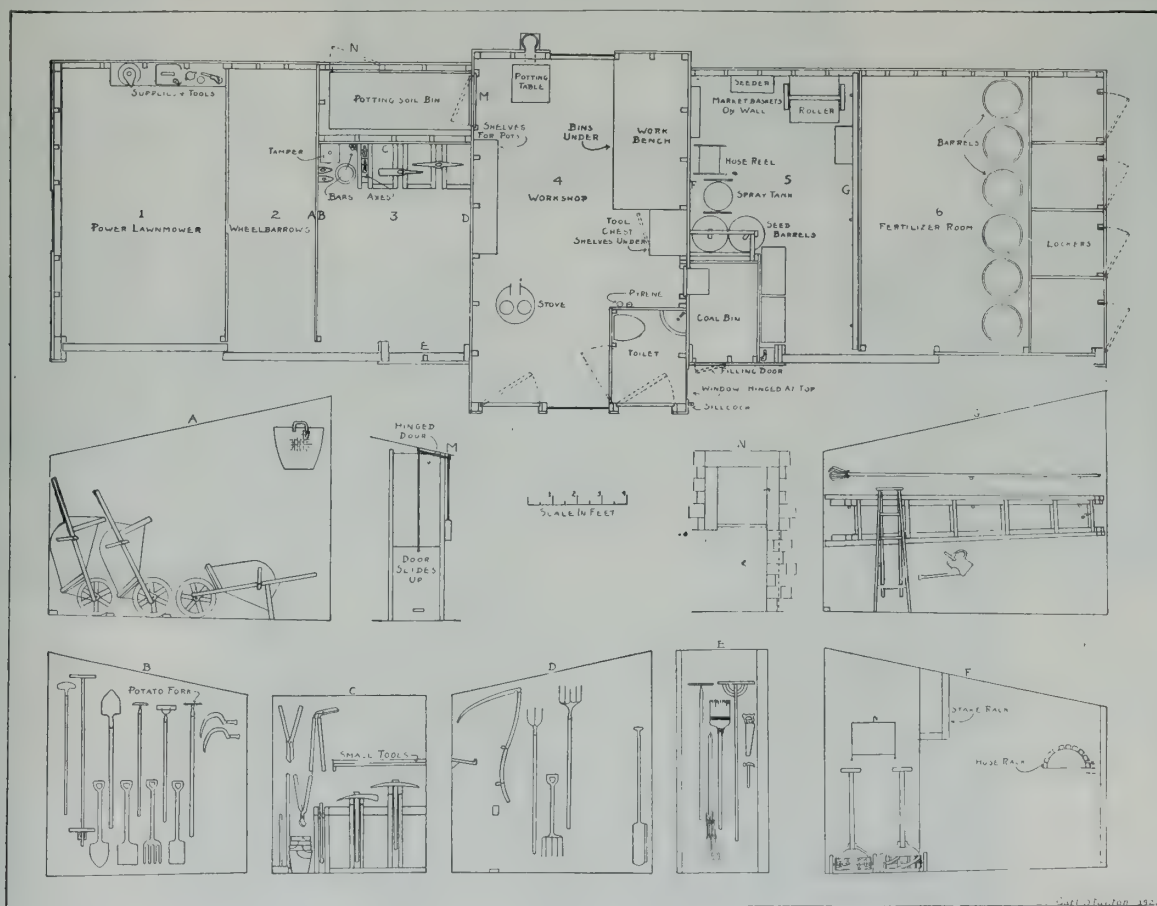
Matched-board construction was used,

finished on the outside with brown-stained shingles. The doors and trim were painted a dark green. The floor, which, by the way, has a slope of three inches toward the front to insure its remaining dry, was made of cement. A piece of heavy tar-paper was placed under all woodwork coming against the floor so that the dampness of the cement would not rot it away.

The doors to the toolrooms were hung on tracks as an aid to neatness when they were open, and the other two outside doors on the front side were fitted with springs that would keep them shut. Two windows in the workshop, and one in Room 1 provide all of the light that will be required, as no one will be in any of the other rooms when the doors are closed.

Most of the tools hanging on the walls of Room 3 are hung on special racks which can be obtained at large hardware and seed stores. There is a special rack for long-handled tools, one for the hoes, and another for the short-handled shovels and forks.

(Continued on page 138)



The upper part of this drawing shows the plan of the tool house with its central workshop and its tool rooms on either side. The lower part contains elevations of the walls in the different rooms and indicates with what orderliness each tool can be put away



(Above) For a breakfast nook comes a reproduction of a maple butterfly table. Top, open, 60x30 inches. Closed, 32x30, \$97.50. Bench, \$57.50. Chair, \$37.50

The small chaise longue at the left is in two sections. It is 42 inches long and only 28 wide. In muslin or covered in an inexpensive chintz, \$115.50



(Above) A small convenient table to stand beside a chair or sofa is mahogany with a band of inlay around the edge. The top measures 13½ x 15½ inches and the height is 23 inches. \$18.50



This small French peasant chair in walnut with a rush seat might be used in a small dining room or breakfast porch. The design of the back is both unusual and graceful \$28.25

(Left) A small, over-stuffed chair covered in glazed chintz is \$55.50. The maple butterfly table 20 inches high, measure 31x17 inches open. Closed 13x17. \$24.50. Maple footstool, \$5.25. In mahogany, \$6.25

SMALL FURNI- TURE FOR SMALL ROOMS



G. W. Harting

(Above) For a Colonial living room comes a reproduction of a maple table, 26x17 inches, 24 inches high, \$50.50. The overstuffed chair has a maple frame. \$99.50 in muslin. In glazed chintz, \$105.50



The round two tier table at the left would be an effective note in a library, living room or by a chaise longue in a bedroom. Walnut, with fluted legs. 20 inches in diameter, 24 inches high, \$23.25



(Above) An unusual little table that may be combined with mahogany or walnut pieces is soft green lacquer with Chinese decorations in gold on the top, and a metal gallery. Top 21 x 13 inches, 19 inches high, \$50.50



The arm chair at the right, a reproduction of a Normandy peasant chair, is walnut with a fat cushion covered in sateen. \$47. Hammered iron lamp, \$12.74. Parchment shade with old bird print, \$12.74

Dana B. Merrill



(Above) This low sturdy table or stool for a man's room or living room furnished with early American pieces is maple. It is 17 inches high, 18 long and 12 wide and has a small drawer in one end, \$25.50

The articles on these two pages may be purchased through the House & Garden Shopping Service, 19 West 44th Street, New York City. A slight service charge is included in the prices

The GARDENER'S CALENDAR for FEBRUARY



ARTHUR B. BALFOUR
A distinguished English horticulturist, noted both for his collecting and for his propagating



SIR DAVID PRAIN
A Director of Kew Gardens, London, and a well known horticultural and botanical authority

SUNDAY

1. Plant stakes are necessary evils; we all wish that the plants would not require supporting, but they do, and we must accommodate them. Order stakes now. If you can't do this, cut some in the woods.

8. Deciduous trees and shrubs also require pruning to keep them in good health. Early flowering subjects such as the lilac or spruces are best pruned after they have finished flowering along in the spring. This saves blossoms.

15. Have you progressed any further than your mind with that rose garden you have been considering all these years? Each year that you postpone establishing it means that you are losing just that much pleasure.

22. All dormant trees and shrubs that are subject to the attacks of San Jose scale should be sprayed with one of the soluble oils. Trees that are already infested must have at least two thorough sprayings.

MONDAY

2. Chrysanthemums for next fall must be propagated now. If the space is available it is good practice to put in a batch of cuttings every four weeks until June to assure a long period of bloom well into the autumn.

9. Have you studied the merits of a fruit border? No place is complete without one. Raspberries, currants, gooseberries, blackberries, grapes—all these make excellent border plants for the garden.

16. Start to prepare your hotbed now. At least 12 inches of good hot manure will be necessary for making it. Tramp this firm and cover it with about 4 inches of good garden soil that has been well screened.

23. Flowering plants of all kinds that are wanted for Easter must be started into active growth. By postponing this and then trying to rush them along the plants are invariably grown too warm and in many cases ruined.

TUESDAY

3. Have you pruned your fruit trees? They will produce if left in a natural state, but not nearly so well. Good fruit is produced only where intelligent pruning is practiced, so your labor will be well justified and repaid.

10. Pea brush, bean poles and tomato stakes are necessities of a productive garden. A few hours spent with an axe in the woods will furnish you with these needed accessories. Gather them before they leaf out.

17. Now that the war is over let us think again of greenhouse construction. Greenhouses certainly raise the standard of any grounds, whether they be for fruit or flowers. Early planting means fewer errors.

24. Start sowing now in the greenhouse of the hardy vegetables, such as cabbage, cauliflower, lettuce, celery, tomatoes, etc. Use flats or seed plans for greater convenience, and provide plenty of drainage.

WEDNESDAY

4. No one can garden well with dull or poor quality tools. This is the time to do any repairing that may be necessary. All edged tools must be sharpened; kerosene and grease will check the rust on all the metal parts.

11. Have you ever given a thought to the comforts of our greatest garden friends the birds? Why not get a few houses where the birds can nest? A bath for the birds will give even more pleasure to you than to them.

18. No garden is complete without some well selected and properly arranged garden furniture. In normal gardening pottery is very necessary to the completeness of the scheme. Make your selection and order now.

25. If you cannot afford a greenhouse there are numerous styles of plant protectors that are helpful to gardening. They should be ordered now, as their greatest value is in the early season. Glass ones are excellent.

THURSDAY

5. Have your trees looked over carefully to determine their true condition. It takes a lifetime to grow good trees but they are subject to injuries of many kinds. A little tree surgery at the right time will save them.

12. Have you ordered your supply of seeds? They should be on hand now. An old bread tin makes a good mouse-proof storage for them. Don't let the seeds get damp—a cool, dry place is the ideal storage place until planting time.

19. It is much easier to overhaul your lawn mower now in the garage than it will be next summer on the lawn. At least the gear boxes must be cleaned out and repacked with vasoline, and the other bearings oiled.

26. Before work is started outside you should make an inventory of your tools. Any new ones necessary must be ordered now. Tool designs keep on being improved as well as other things, so look them over.

FRIDAY

6. Better get out the sashes for the hotbed and cold-frame, and see that they are in good condition. Broken glass may need replacing, and the wood should be painted to protect it from the weather.

13. If you like golf you should have a practice green constructed on your grounds—some screened corner where you can practice when you want to. Sow it with fescue and creeping bent grass in equal quantities.

20. Garden arbors as they are now made are very attractive and necessary accessories of the garden. If you wish to enjoy them this summer they should be ordered now, as well as the roses or other vines for them.

27. Sprays of all the early flowering spring shrubs can be cut and placed in water in the house where the flowers will quickly develop. Pussy willow, golden bell, Japan quince, etc., can be forced in this way.

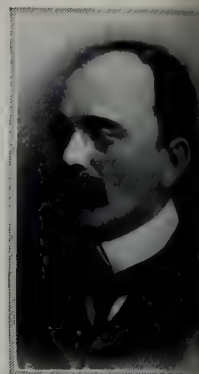
SATURDAY

7. Summer flowering bulbs such as cannas, gladioli, dahlias, caladium, etc., should be looked over carefully. Excessive heat or moisture will start them into growth; dampness with a low temperature is apt to cause decay.

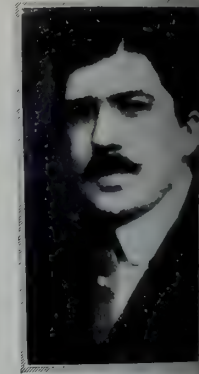
14. All plants that have been in the same pots for any considerable time, such as palms and other decorative things, should be re-potted before their active growing season starts. Top dressing is the alternative to this.

21. Bay trees, hydrangeas, oranges and other plants of this type that are used for decoration outside in the summer should be looked over to see if the tubs will stand up through another season's use. If not, repair now.

28. Stock plants of all kinds of bedding subjects should now be started into active growth so that the necessary quantity of cuttings will be ready for taking when the proper time for them comes in the spring.



AUGUSTINE HENRI
An English botanist collector whose name is borne by one of the loveliest of the Lilies—*Lilium henrici*



REGINALD FARRER
One of the known explorers whose plant collecting has resulted in many introductions

When all aloud the wind doth blow,
And coughing drowns the parson's saw,
And birds sit brooding in the snow,
And Marian's nose looks red and raw,
When roasted crabs hiss in the bowl,
Then nightly sings the staring owl,
Tu-whit;
Tu-who, a merry note,
While greasy Joan doth keel the pot
SHAKESPEARE

This Calendar of the gardener's labors is planned as a reminder for all his tasks in season. It is fitted to the Middle States, but should be available for the whole country if for every one-hundred miles north or south there be made a difference of from five to seven days later or earlier in operations. The dates given are for an average season

The introduction of new plants into cultivation is the most picturesque part of horticulture. Some of it may be done with seeds, cut-

tings and trial beds; some of it by exploration. The first way is quiet and safe; the other difficult and dangerous; but both are exciting



FRANK MEYERS
A plant collector for the U. S. Department of Agriculture whose recent death followed many fruitful explorations into the Orient



JOSEPH F. ROCK
A botanist who left not long ago for Tibetan China where he will collect plant specimens under the auspices of the Arnold Arboretum





Gives privacy and protection; Adds a touch of beauty!

Woven Wood Fence is economical for enclosing large or small areas. Shuts out poachers and gaze of curious. Ideal for screening service yards, garages, etc. Provides background for plants; protects gardens in summer, rhododendrons in winter.

Made in France of live chestnut saplings, firmly woven together with wire and re-inforced on the back with wood strips. Requires no skilled labor to erect; no painting. In two heights, 4 ft. 11 in. and 6 ft. 6 in. in sections 5 ft. long. Immediate shipment. Write for catalog.

WOVEN WOOD FENCE



Woven Wood Fence gives such long service that many are erecting it with concrete posts instead of wood.



The low cost and permanency of Woven Wood Fence makes it ideal for a large enclosure. Inexpensive to erect.

ROBERT C. REEVES CO.
187 Water Street New York City



The Samoyede, a dog of remarkable personality, is one of those breeds that bear out the indications of puppyhood. He is just as fascinating in maturity as in youth

CHOOSING YOUR DOG

ROBERT S. LEMMON

PERHAPS the most important factor influencing the satisfaction of owning a dog is the original choice of a breed. It is not enough to pick out a puppy just because he is "too cute for words", or wags his tail engagingly, or otherwise manifests some particularly winning puppy trait, for these early attractions may pass as he grows to dog's estate. The decision as to his fitness for the place he is to fill in the household should be based on the characteristics which his breed, as a breed, is known to possess. Few people, when they stop to think it over, buy a dog for merely temporary pleasure. What they want is a dog friend that will gain in satisfaction with the years, and this means one of a breed that fits his home as a glove fits its hand.

There is almost as much difference temperamentally between dog breeds as there are differences of color and form. The Bulldog, for example, is a humorous, affectionate clown, the Great Dane a master of dignity, the Scottish Terrier possesses a soul which, Scotch to the core, combine fire, devotion, sadness and merriment in a fascinating and unique blend. To each, from smallest Pomeranian to mightiest St. Bernard, is given an individuality, a personality, which distinguishes it from all the rest. These racial peculiarities should constitute at least fifty percent of the deciding factors in choosing a breed.

It is natural enough that the distinguishing traits should appear with the maximum of certainty in dogs completely free of any admixture of blood from other types. The situation finds a close analogy in human-kind: the truest Chinese, by way of instance, is a pure-blooded Chinese; for the best examples of Irishman, Frenchman or Italian, one naturally turns to native sons in the truest sense. Here, of course, is the best of arguments for a dog of well established ancestry, a dog whose forebears are known to have been typical of their breed. In other words, a thoroughbred rather than just a dog.

"But (I hear someone say) I had a

mongrel once that had more than all the prize-winners put together. Why, he was almost human!"

Doubtless—doubtless. No dog is without its exception, and instances might be cited in the old theory regarding the gentleness of the street-dog. The trouble with the argument is a putable fact that the brightest gutter-pup is the exception rather than the rule.

More than this, there is no point of telling, when he is a puppy, the manner of dog the mongrel is to be. Even though he should physically into about what you had in mind, his ultimate character will main largely a matter of guess. One never knows, in advance, what some obscure inherited trait savageness, cowardice or what not crop up and render him unsuitable to put it mildly.

With the thoroughbred puppy on the other hand, you can be practically certain what he will be like, inside and when he grows up. For several generations his family has run true, and in ninety-nine cases out of a hundred he will do likewise. It is such a desirable condition that you know beforehand what you are getting.

It is not necessary to have a capable of future winning at bench shows, to secure this standardized character. He need be of championship stock. What is wanted, unless one plans to enter a show game, is just a thoroughbred specimen of the breed in the truest sense. He should have a certified, pure-bred pedigree, of course, eligible for registration in the Book of the American Kennel Club. Thus will you possess in reliable warranty of his pure blood.

Whether the new dog is a male or a female is something of a question whose pros and cons are too seldom understood by the inexperienced purchaser. All sorts of

(Continued on page



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The DUO-ART Reproducing Piano

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TAMBOUR NO. 7

Suited to many types of interiors. 9 inches high, 21 inches long. Mellow toned strike. Mahogany or American Walnut case. Silvered dial, \$25.00. With raised bronze numerals, \$30.00.

Some rooms slumber some are awake

By CHANDLER W. IRELAND
(Prominent New York Decorator)

THE flicker of an open fire—the quiet tick of a clock—the soft glow of a shaded lamp—all tend to give the delightful feeling of a lived-in room, which decorators strive to attain.

It is the "living" quality of a room which is quite as important as its beauty and correctness.

To the decorator, this is the virtue of Seth Thomas Clocks. They are a contributing factor in the decorator's scheme and give that intangible thing known as "atmosphere." They have charm—possess a quiet vigor without a trace of the vulgar and add to the personality of the room.

For rooms of every sort and period there are Seth Thomas Clocks which

lend themselves gracefully to the spirit of the place and add an articulate quality of their own. The genius of Seth Thomas designers in adapting motifs from all the finest periods has been perfectly interpreted by century-old Seth Thomas craftsmanship.

And of course these thoroughbred clocks possess the essential quality (without which their superb cabinet work would be the sheerest illusion) of unwavering accuracy. Ask your jeweler.

"It's hard to know just what to give"

When this dilemma confronts you, remember that a Seth Thomas Clock never fails to create for itself a warm and immediate welcome. Jewelers take real pride in exhibiting their Seth Thomas models—each one priced most modestly.

SETH THOMAS CLOCKS

SEVERN—Case of two-toned mahogany. Height 10 inches. Base 7 1/4 inches. 8-day pendulum movement. With silvered dial, \$25.00. With raised bronze numerals, \$30.00. Seth Thomas mahogany bracket \$4.00.



SEVERN



CHIME NO. 92

CHIME No. 92—Charming mahogany or American Walnut cabinet to please the eye. Melodious Westminster Chime to delight the ear. Height 9 1/4 inches. Base 20 1/2 inches. Silvered dial, \$56.00. With raised bronze numerals, \$61.00.

(Prices are 10% higher in the Far West,
30% higher in Canada)

SHARON—Adapted from a famous old Seth Thomas model. Mahogany finish, decorated dial. 8-day movement with hour and half-hour strike. 14 1/4 inches high, 9 1/4 inch base, \$18.00.



SHARON



In this room in a London house, in which hang pictures of Matisse and Derain, the doors and woodwork are decorated in the modernist taste

MODERNIST ENGLISH DECORATION

(Continued from page 61)

decoration down to the last detail of a drawing room, to the painting of a bowl, a tile, a screen or a cushion, the designing of a carpet or a chair cover. Among the pictures is a view of a room in the Tavistock Square house of Virginia Woolf, the brilliant author of *Jacob's Room* and *The Voyage Out*. The walls are a cool dove gray; the borders of the panels are tomato red, while the panels themselves are a glossy white. The oval *fonds* are alternately maple yellow and sienna pink, and the subjects are painted directly on to them in umbers, whites and browns, with touches of lettuce green—a very cool, restful, and at the same time lively, scheme. The narrow frieze round the top of the wall is in an amusing wall paper, made simply by an *écriture* of brush strokes in subdued violet on a white and lemon yellow ground.

A wall paper of the same kind was

used in a dining room alcove in another small house, except that in this case the *écriture* is of deep blue on a pale gray, spattered with red dots on a white ground. The mood sounds odd and rather haphazard, but the result is enchanting, and gives a slightly Chinese effect.

The chimney piece in one of Duncan Grant's rooms is a good example of the transformation of a very ordinary feature into something dignified and beautiful. The ugly cast-iron Victorian grate was removed and an open fireplace made, edged with specially designed tiles. The original marble mantelpiece was allowed to remain, and above it, where the wall juts forward, a bold design of lilies and leaves growing out of a large white pot was painted, framed in French gray with a broad band of yellow ochre at each side. The rest of the walls are a pale bluish-pink.

RAMIE and OTHER FABRICS

(Continued from page 70)

the aid of a cotton warp. American prairie grass in small bunches is also manipulated with a cotton warp and makes the ordinary grass porch rug for summer use and often for the winter sun porch. Chinese and Japanese sea grasses are deftly woven into matting without cotton. Nothing of this sort wears better than heavy Chinese matting, all grass, which has never really gone out of use since the first ship brought it here from China. The rush rugs are often

braided and sewed together into a woven.

"Fibre" rugs like fibre furniture are made of paper twisted into yarn fit for weaving; but when a fibre paper and wool woven together in a rug under foot we feel that we have at last met; that anything everything under the sun may combine and, when run through an American loom, may come forth as an art-textile as varied and as durable as our modern homes demand

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Packard Six and Packard Eight both furnished in ten body types, open and enclosed. Packard's extremely liberal time-payment plan makes possible the immediate enjoyment of a Packard—purchasing out of income instead of capital.

The Packard you buy today will not look out of date in 1935

unless Packard is successful in doing that which others have been unable to do—improve on Packard lines.

If the industry, competing within itself, has been unable to improve on Packard lines

but rather, has appropriated them,

then, Packard has set an enduring style.

And, in an enduring style your motor car investment is best protected.

ASK THE MAN WHO OWNS ONE



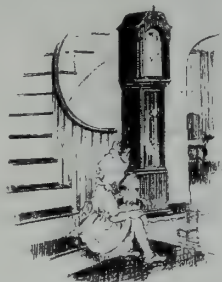
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How frequently Genuine Mahogany hand rails and treads are found in staircases!

There are two sound reasons:—the inherent and ever-increasing beauty of the wood, and its permanence and durability. However harshly it may be used, Mahogany is always beautiful and gives generations of service. Hence its value in staircase construction.

Genuine Mahogany, whether woodwork or furniture, should be given a simple transparent finish. Any stain or varnish which conceals the grain of the wood should be rejected.

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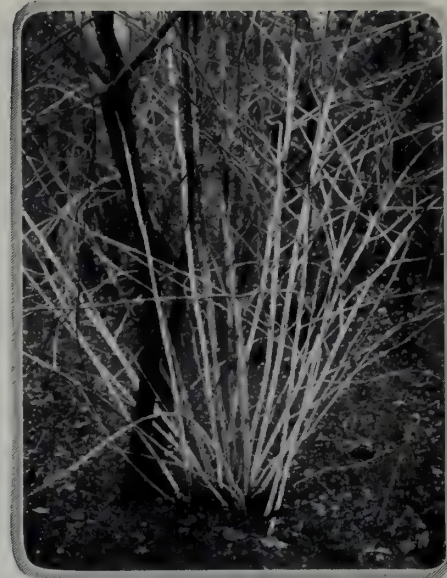
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The stems of the Chinese Bramble (*Rubus biflorus quinqueflorus*) might have been dipped in a barrel of white-wash

WOODY PLANTS IN WINTER

(Continued from page 81)

pointed, in the Common Lilac stout and rounded, in the Horsechestnut broad-ovoid, sticky and glistening, whereas in the related Buckeyes, though the shape is the same the buds are dry and gray. And handsome, indeed, are the glistening, jet-black winterbuds of the curious Japanese *Euptelea polyandra*. In the Yellow-wood and Asiatic Cork-tree the winterbuds are set within the circular scar of the fallen leaf, in others they are seated within a crescent-shaped scar. In the Walnut there are two or three buds set one above another and covered with scales; in the curious *Pterocarya* the several buds are similarly arranged but strange to

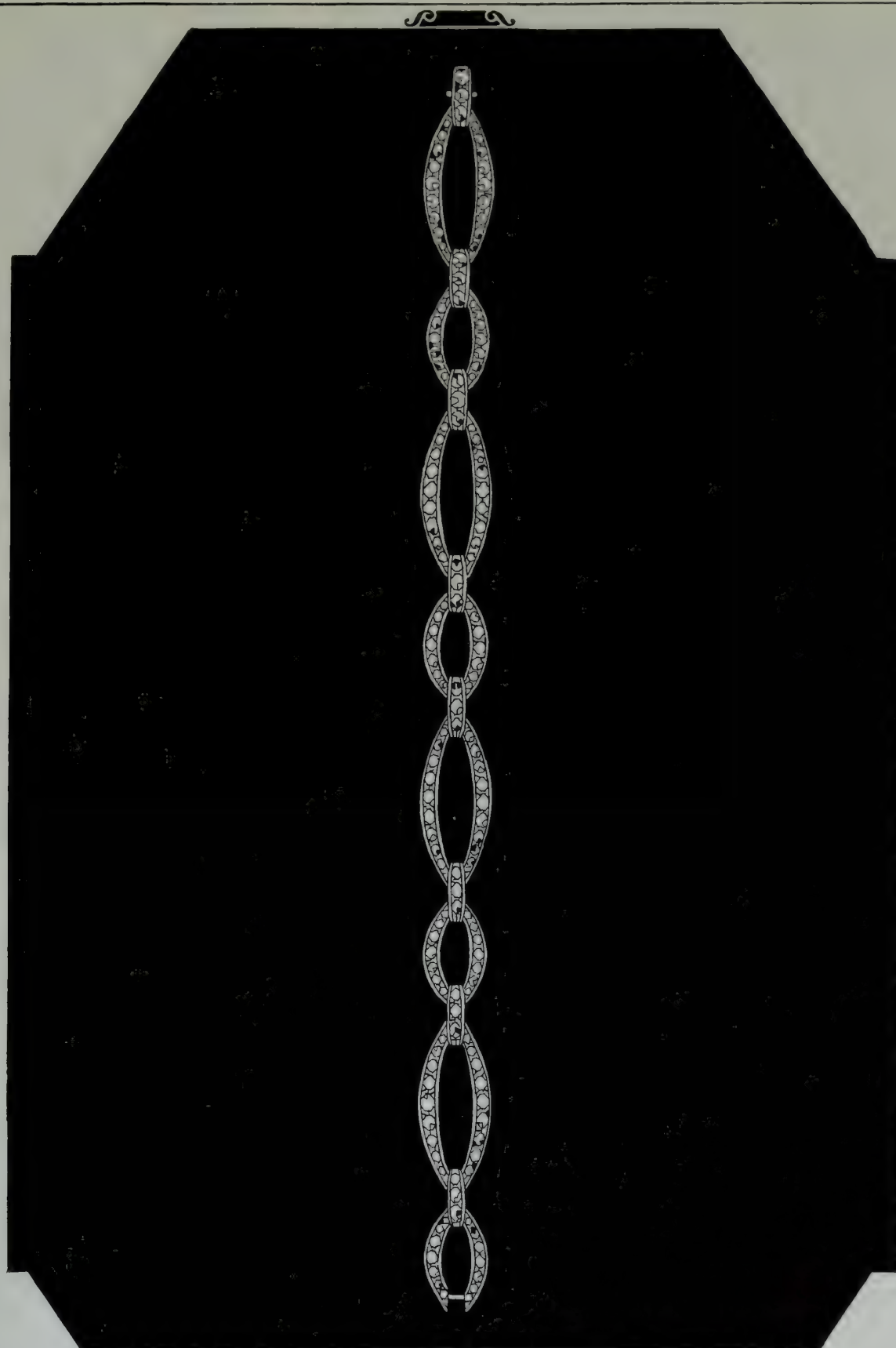
say they are naked and quite without the usual covering of scales.

The barks of trees are possessed of much character and rare beauty are deserving of greater notice than is generally accorded them. The smooth pure white bark of the Common Birch, the gray-brown papery bark, torn and bunched, of the River Birch, the smooth firm pale bark of the American White Elm, the black Walnut or Red Oak, the grayish corky bark of the Asiatic Cork-tree, the thick flaking bark of the Shagbark Hickory, or the black bark of the Persimmon. Are these not worthy of notice?

(Continued on page 13)



There is much beauty in the barks of trees. There is that in the Shagbark Hickory, as well as a distinctive flaky quality



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The Slave Bracelet An adaptation of this smart link bracelet to a diamond and platinum setting

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"VERSAILLES" DINNER SERVICE

A lovely Parisian creation in buff and black encircled by a dainty gold band.

Ahrenfeldt China

"The Aristocrat of French China"



The shining scarlet fruits of the Washington Thorn (*Crataegus cordata*) persist until April

WOODY PLANTS IN WINTER

(Continued from page 106)

favorable recognition and comment? Surely they cannot be passed by. Neither can the Striped-bark Maples with smooth green bark, plenteously marked with lines of white, nor *Acer griseum*, from the mountains of central China, with loose, shaggy mahogany-red.

Among the lowly Brambles there is much beauty in flower, fruit and autumnal foliage, and in several the winter stems are attractive. Most strikingly so are the pure white stems of *Rubus biflorus* var. *quinqueflorus* and other species which it was my good fortune to introduce into gardens from the back-blocks of China. Then there are certain Cornels of shrubby

habit whose barks are crimson or yellow of startling brilliancy, which illumine the winter landscapes, like the red stems of the common sea Rose of New England (*Rosa virginiana*).

The Cornels are a diversified group of much garden merit deserving a special article. At the moment it is those with richly colored stems that demand our attention. The best of them are *Cornus alba* and *C. spicata*. The first-named is a wide-spreading shrub producing a cluster of erect to prostrate stems which in late winter are rich red in color. The other species is called the Red stem.

(Continued on page 110)



The tiger among trees is the striped-bark Maple with its coat of green vividly marked with wide veins of white



When Vincent Lopez plays

VINCENT LOPEZ plays the kind of dance music that makes matrons feel like sub-debs, and convinces men of all ages that they dance like Valentino—only better.

Vincent Lopez will play *your* piano in your living-room—that you, your children and your friends may enjoy.

Impossible? Not if your piano is an Ampico.

Press a recording into the shallow tray below the keyboard. Press a button. Then pick out a clear space on the floor and dash for it! You can't resist dance music with that unmistakable Vincent Lopez touch.

Whether your mood calls for syncopation or symphonies, your Ampico will supply the kind of music you want. The amazing Ampico mechanism within your piano will make it sing under the touch of hundreds of famous artists such as Chopin, Liszt, Debussy, Scriabin, Prokofiev, Stravinsky, Lehar, Tchaikovsky, and others. The library of Ampico recordings includes, in addition to the world's greatest dance music, sonatas, operatic selections, serenades

and fantasies, simple songs and ballads, hymns and marches.

Only with these fine pianos

The Ampico may be had only in the following pianos, instruments that have been known for generations for pre-eminent quality: Knabe, Chickering, Mason & Hamlin, Marshall & Wendell, Fischer, Haines Bros., Franklin, and in Canada the Willis also. Note that the Knabe, the

Chickering, and the Mason & Hamlin—three of the four great pianos in general use on the American concert stage—have now adopted the Ampico.

Yet the flawless structure of these pianos is in no way altered by the presence of the Ampico. The piano is unchanged—intact for playing by hand.

Hear the Ampico today

Go today to a store where any of the pianos mentioned are sold and ask to hear a recording by some musician whose playing is familiar to you. Close your eyes and the famous man is there. Every phrase, every shading is unmistakably his.

Your silent or player piano will entitle you to an allowance on the purchase of an Ampico. This fact and convenient terms of payment make owning an Ampico a joy you may experience at once. Foot-power model, \$795. Electric power models, \$985 to \$5000. With freight added. Uprights and grands.

If you want to know more about the Ampico, write for a booklet descriptive of the Ampico, its great artists and their music.

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THE AMPICO brings you the music of nearly all of the piano's famous jazz artists.

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An attractive booklet describing Oshkosh Trunks will be sent you on request to 444 High Street, Oshkosh, Wisconsin.

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From left to right are the winter buds of the Common Walnut, Horsechestnut, Sycamore Maple, Prickly Ash, Common Birch and Thunberg's Barberry

WOODY PLANTS IN WINTER

(Continued from page 108)

Cornel and is likewise a vigorous shrub which suckers freely and spreads from underground stems. The bark is dark purplish red. In marked contrast is the variety *flaviramea* with pale yellow stems. These are rampant growers, apt to smother anything less vigorous than themselves growing near. They are, therefore, best adapted for forming an isolated mass on a lawn and on the bank of a pond where their colored stems are remarkably effective all through the winter.

For milder regions than New England there are no more lovely shrubs than the *Pyracanthas*. California and the South are the places for these. Several sorts are now in cultivation, all agree in having dark green foliage persistent through the winter, broad flat heads of white flowers followed by fruits of varying shades of red to orange. They may be grown as bushes on the lawn, in the shrubbery, against a wall or the side of the house where they form a study in red and dark green throughout the winter. Birds are very partial to the fruits and in Europe it is common practice to net the plants. The best known species is *P. coccinea*, the Buisson Ardent of the

French Riviera, and its variety *la-dei*; and well do they deserve the name of Fire Bush. China has recently given us other species in *P. crenulata*, its var. *rogersii*, *P. gibbsii* and *P. asiatica*. All are excellent plants. My own favorite is *P. koidzumii* which grows in the stoney river-beds of eastern Formosa from whence I introduced it into America in 1918. This has larger fruits, if possible more abundantly produced than in other species.

Where the English Holly is grown there is no more beautiful bush or tree, with its lustrous foliage among which nestles a clustered wealth of scarlet berries. Small wonder that its charms have captured the hearts of our race and that poets ancient and modern have sung its praises. There are a multitude of named varieties and forms but none is better than the typical species *Ilex aquifolium*. Of about equal hardiness is the oriental *cornuta*, the Horned Holly. This is a bush or small tree with clustered red fruits, glossy green leaves more or less rectangular in shape suggestive of a flying bat with four large spots at

(Continued on page 114)



The loveliness of the American Andromeda laughs bravely through even New England winters



FLOYD GUNN

To Thrill a Woman's Heart

Buy her this Buick Standard Coupe for Four. It is just the car for busy wives and mothers.

Two doors, so that lively children can safely be corralled behind the front seats. The cozy body is by Fisher, built to Buick's high standards of closed car comfort and luxury. It has the new Fisher VV one-piece ventilating windshield held tightly in felt channels to keep draughts away from the youngsters.

She can leave this Buick—any Buick—standing for hours in blizzard weather and still be sure it will start easily when she is ready to go. Buick automatic heat control on the carburetor gives Buick owners the constant pleasure of immediate starting.

The new Buick steering gear has eliminated the effort from driving or parking. And drivers of every degree of experience praise the added control and security of Buick four-wheel brakes.

As a happy example of Buick closed car skill, as a handy, comfortable aid to comfortable living, this Buick Coupe for Four is just the car to thrill with pride the heart of any woman.

*Ask about the G.M.A.C. Purchase Plan,
which provides for Deferred Payments.*

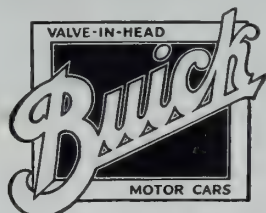
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Radio's Marvels Multiplied!

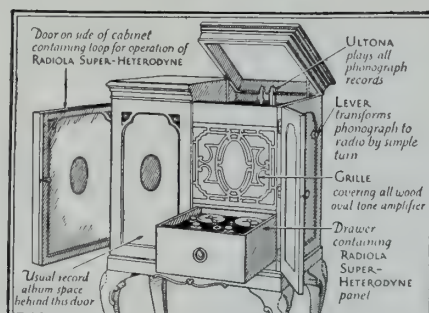
And—almost as importantly—its housing dignified by exquisite examples of Modern Cabinet Making!

TO those interested in the preservation of the home's decorative motif, as well as in radio, the Brunswick Radiola comes as something more than merely the instrument internationally acclaimed as embodying Radio's Greatest Achievements.

Combined in joint effort by the leader in Radio, the Radio Corporation of America, with Brunswick, leader in phonographic reproduction, it comes, next to Aladdin's magic lamp, as altogether the most thrilling of musical adventures—and *beautifully presented!*

In beauty, as in musical attainment, it is unlike so-called "combination" instruments (simply a radio receiving device set in phonograph cabinet), for

it is a scientifically combined unit, the result of exhaustive acoustical experimentation which marks the best that men know in radio with the outstanding in phonographic reproduction. The Brunswick Method of Reproduction has been subsidized to do for radio what it did for phonographic music. The result is a musical revolution.



REMEMBER:

Brunswick now offers the choice of two supreme musical instruments: the Brunswick Phonograph and the Brunswick Radiola, which is a phonograph and a radio in one. Embodied in cabinets expressing the ultimate in fine craftsmanship.

At a turn of the lever it is the more remarkable of all radios. At another turn, it is the supreme in a phonograph to play one's favorite records when the fancy calls for them.

The cabinet work is typically Brunswick . . . exquisite, beautiful . . . and presents many styles and finishes to blend correctly with any decorative scheme.

Some models are equipped with the famous Radiola Super-Heterodyne. Others with the Radiola Regent—still others with the Radiola No. 3213A.

Demonstrations may be had at any Brunswick dealer's. Prices range from \$190.

THE BRUNSWICK-BALKE-COLLEN R. CO.
Manufacturers—Established 1845
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The Brunswick Radiola Super-Heterodyne

—some remarkable features:

- 1 Requires no outside antenna—no ground wires. You can move it from room to room—plays wherever you place it.
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- 3 Combines the superlative in radio with the superlative in phonographic reproduction—a phonograph and a radio in one.

The Sign of Musical Prestige!
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GREEK Loveliness and the Freshness of modern color unite in this printed linen

It has the lyric simplicity of an old folk song—this new printed linen. Although its treatment is modern the Greek figure has the simplicity, the serenity, of those used in early Hellenic friezes and the medallion form enclosing it recalls the shapes designed by Huet for the famous Tiles de Jouy.

The antelope springing from behind a fern cluster gives an archaic touch to the fabric that in contrast with the freshness of modern color in which the design is printed.

It is this liaison between the old and the new in decorative taste that gives the fabric its special interest.

The fresh jade background laced with deeper green

throws into bold relief the mauve and white of the design.

The same abundance of clear contrast so satisfying to the modern eye, is found in the other color schemes in which the design is shown—rose and blue, yellow and lavender, green and tête de nègre, blue and black.

Few fabrics more sensitively record the color trend of contemporary art than chintzes—a characteristic of theirs since the beginning. It is perhaps largely because of this that they have been so constantly in demand for more informal decoration.

Chintzes and linens in great variety of pattern—early and modern, oriental and floral are included in the Schumacher collection of fabrics for every decorative use and period.

They may be seen by arrangement with your own upholsterer or decorator, who will also gladly arrange the purchase for you.

F. Schumacher & Co., Importers, Manufacturers, Distributors to the trade only, of Decorative Drapery and Upholstery Fabrics. 60 West 40th Street, New York City. Offices in Boston, Chicago, and Philadelphia.



The restraint of its clear-cut classic design with the charm of its modern color gives individuality to this print

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WOODY PLANTS IN WINTER

(Continued from page 110)

the corners representing the outstretched wings; there is also a terminal spine usually decurved and frequently one or two pairs of smaller spines at the sides. Not always are the leaves as here described for their shape is variable, but the plant is ever attractive and handsome. The American *I. opaca* also has red fruits but the foliage is dull green. However, it has the merit of being much hardier than the other two species mentioned. Alas! none of these Hollies can be grown in northern New England where as substitutes we prize the native *Ilex verticillata* and *I. laevigata*. These lose their leaves in the fall but their erect rigid shoots are blazoned with bright-red fruits through the depths of winter.

A worthy companion is *I. serrata* with smaller red fruits, abundantly produced, which is a great favorite for indoor decoration in Japan, its native country.

THE SEA-BUCKTHORN

A handsome shrub or small tree which carries a wealth of orange-red berries from October to March is the Sea-Buckthorn (*Hippophaë rhamnoides*). As its common name suggests this plant does well by the seashore but it thrives equally well inland. This is a densely branched spiny bush or small tree sometimes 30 feet and more tall with narrow silvery leaves which fall in the autumn. The branchlets are densely crowded with brightly colored fruits and few shrubs are so attractive for such a long period of the winter. The berries are filled with an intensely acid, yellowish juice repugnant to birds who even when pressed by hunger will not eat these fruits. It should be remembered that this plant bears male and female flowers on different individuals and both are necessary for a display of fruits. Nurserymen ought to graft a branch of the male plant on the female, their customers would then be sure of a crop of berries even if they had but one plant.

Of broadleaf evergreen trees none can be grown in New England and the shrubs of this class are very limited in number. The native Holly (*Ilex opaca*) survives in sheltered spots; the Ink-berry (*Ilex glabra*) is cheerful enough through all but the most exceptionally severe winters. The Andromeda (*Pieris floribunda*) with flower clusters standing above its green

leaves all ready to open in the spring. The evergreen Rhododendrons have their leaves and curl them as if distressingly anxious to their vitality to the utmost. In contrast is the Mountain Laurel (*Lauria latifolia*) holding its leaf spread as in summertime, and in the fact that it is New England's best and worthiest broadleaf evergreen.

AN EFFECTIVE GROUPING

A winter landscape of which never tire has for its dominant feature a large clump of American Beech, some Arbor-vitae and a few pines or so above a Hemlock. The parent Beech-tree is derived from its far-spreading roots, and of saplings have sprung and formed a thicket. Right and left Conifers and beyond in the distance steep slope where grow Oaks and the skyline of which are three or four Pine trees. In this setting the clump of Beech with its pale gray bark and a myriad of slender, spreading branches suggests from a distance a billowy cloud of morning mist.

The grandeur of the Conifers, impressive at all seasons, is especially in winter with dark masses of branches and trunks standing sentinel-like on the carpet of snow. The Pines, the Firs and the Hemlocks take on a deeper, richer hue in winter, the green is darker, the gray-color brighter and the contrast greater. The wind blows through the branches making a glee or moan a dirge but warmer in the shelter of these stately evergreen trees. Viewed from near or far Conifers in winter present one of the finest pictures. Black or gray pyramids and columns stand against the sky above the snow-covered ground—a scene at once restful and inspiring. A protective yellow pigment masks the green of the branches during the winter, drawing from their beauty but not so the purple pigment developed in the love-lies-bleeding (*Lonicera horizontalis*), finest of low-growing Savins.

Be the winter days never so long and the snow no matter how many feet deep our garden landscape is rich in changeable beauty, reflecting the play of light and shade. Eyes and hearts attuned to nature can appreciate these winter scenes, and not blind souls can be altogether indifferent toward their charm.

DISGUIISING A COLLECTION

(Continued from page 88)

taste; but cannot this be equally true in the matter of beautiful and interesting things misplaced? It seems to me that the fine taste which selects and assembles true objects of art ought to exert itself to fit them properly into the decoration of a home, if the home is to house them. I have hinted that disguising a collection is usually the thing to do when it is placed in a house having no gallery or room to be devoted to the collection as a collection. That an ardent collector ought not to make his collection, (no matter how interesting it may be to himself),

a nuisance to his family, is just as true. On the other hand, the collector owes some debt of deference to his family; it must all be a matter of adjustment. The family must realize that something is to be gained from the collecting member. When once things are learned from the matter of housing the collection can be more harmoniously worked out in family councils. The family should but seldom does—realize with Balzac that when you have a hobby you have transferred pleasure to the one of ideas.



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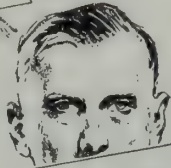
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FOR THE GUMS

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LOW-GROWING ROSE

(Continued from page 87)

not of German origin, is *Evelyn Thornton*, slightly stronger in habit, with somewhat smaller flowers that open into apricot and copper tints, soon fading to light pink. This relatively new variety is "a good doer," as the florist puts it, and a real advance.

Aennchen Muller, *Marie Pavic* and *Jessie* are Polyantha varieties of rather more than average vigor in growth, covering themselves with flowers and getting quite out of the characteristic *Crimson Rambler* sort of flower. They give us shades from delicate flesh to bright crimson.

Very excellent pure white varieties of the Polyantha Rose have been produced. *Katharina Zeimet* long held first place, but *Yvonne Rabier* does better and is more beautiful, and my impression at this moment is that *Mrs. William G. Köning* is better than either. There are many lovely pink varieties in addition to the already mentioned *Marie Pavic* and *Aennchen Muller*. I find much satisfaction in *Maman Turbat*, in *Andree Lenoble*, and in *Mrs. W. H. Cutbush*. *Echo* is a baby *Tausendschön*, and with all the delightful qualities of that wonderful thornless climbing rose.

POTTED POLYANTHAS

Recently the adaptability of some of these roses to treatment by the florist for the making of lovely objects to be grown in pots has brought much attention to the group. One beautiful variety is *Chatillon*, a rather lively light crimson with large flowers and an extremely satisfactory blooming habit. Another is a deeper shade, in *Joseph Guy*, which has been most improperly sent out in America as *Lafayette*, because a short-sighted introducer on this side the water believed the name attached by the originator would lead to laughter. The rose is all right by whatever name it is purchased, but it ought to carry its real name.

A rich bright scarlet seemed to be coming to us in *Miss Edith Cavell*, and it does warrant that description when it blooms, but it does not bloom often enough. *Ideal* is its successor, and its flowers are bright, beautiful and persistent. It is probably the very best of its color, and among the best half-dozen of the class. One regrets that the deeper scarlet *Eblouissant* is not a better grower, because its flowers are charming in their rich and intense color. Perhaps some one of us will learn how to handle this Rose, which will do business under nine inches in height and give at least one most pleasing blooming time.

There has been an attempt to get yellow into this class, and of those presumed to be yellow, *George Elger* is probably the best. It is yellow in bud and when it opens, but soon fades

white in the American climate; true yellow Polyantha is yet to come.

But I ought to be answering the question of the title rather than discussing varieties. I do answer by saying that the Polyantha is extremely desirable, either to use as a centerpiece in agreeably arranged combinations, or to use as border plants, especially of the leggy Hybrid Perpetuals. If I were to use Breeze Hill garden over again, I would use freely the Polyantha combination which bears the name of *F. J. Grootendorst*. The first means of mitigating the harshness of the long H. P. stem, and would put in front of this a scarlet Polyantha selected from the sorts above mentioned.

Then, too, there is a way to use these Roses in the shrubbery. One variety I have not heretofore mentioned, *La Marne*, is a favorite of the indefatigable Rose grower, Mr. He of Denver, and to his persistence in the possession of a dozen of them, I owe the blooms like the best of the so-called Japanese cherries, or like an eastern rare apple blossom which is particularly favored when the sun kisses it. It blooms persistently, continually and all the time, even in a two-inch pot, and will bear plantings of light blue Delphinium or other blue flower, or of pale shades that do not get into magic.

CARING FOR POLYANTHAS

The treatment of the Polyantha Roses is mostly a let-alone matter. They can be planted a little closer than the average Hybrid Tea, as they need but little pruning; in fact, better off when merely kept symmetrical and with an occasional thinning out of old wood. If one takes advantage of the opportunity to bloom continually, the flowers must be cut out, but the Polyantha will give some floral display even under neglect.

I do not think the last word has been said with Polyantha Roses. Varieties which Quarantine 37 is not able to keep out, including *La Chatillon* and *Joseph Guy* and other candidate, *Mme. Anny K.* show notable advance, and as we are sure to have entered into Polyanthas of the Pernet type, that we can expect these delicate handled and clean-looking little bushes to give us the copy which most Rose lovers so particularly fond.

As to hardiness we can only say that the Polyanthas have been, above noted, a little more than the average Hybrid Tea. In Harrisburg I presume the protection, but they are with it.





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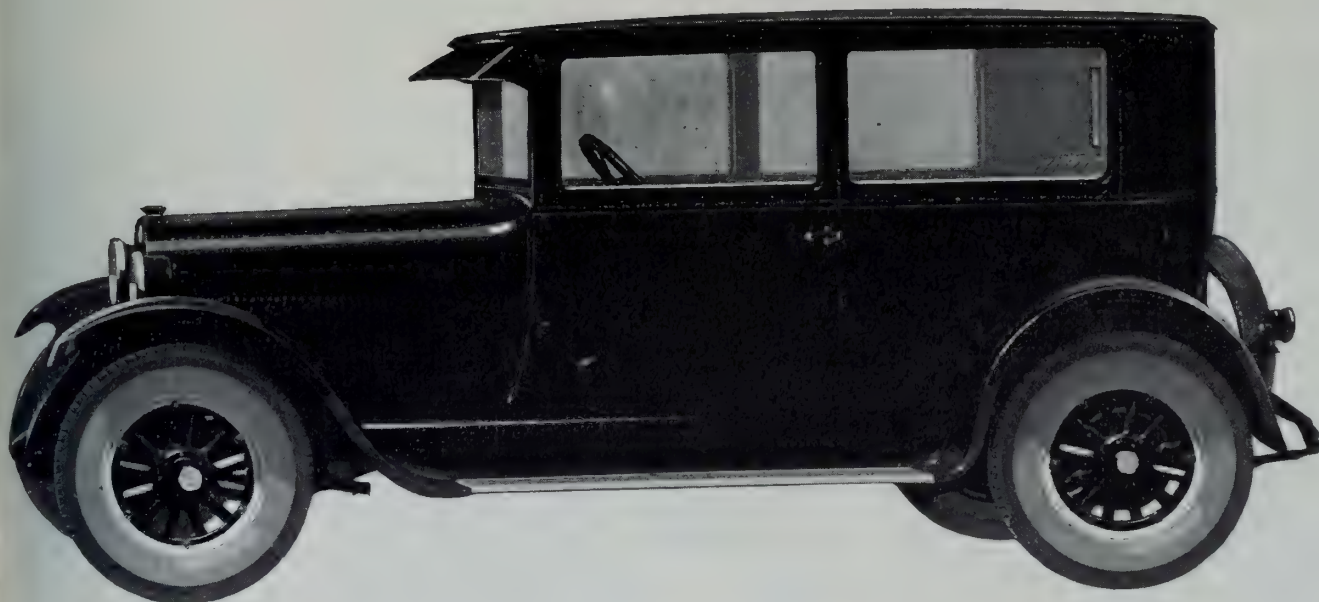
The car is lacquer finished in Dodge Brothers blue with a body stripe of cartouche yellow. Fittings and fixtures are first quality throughout, and balloon tires are standard equipment.

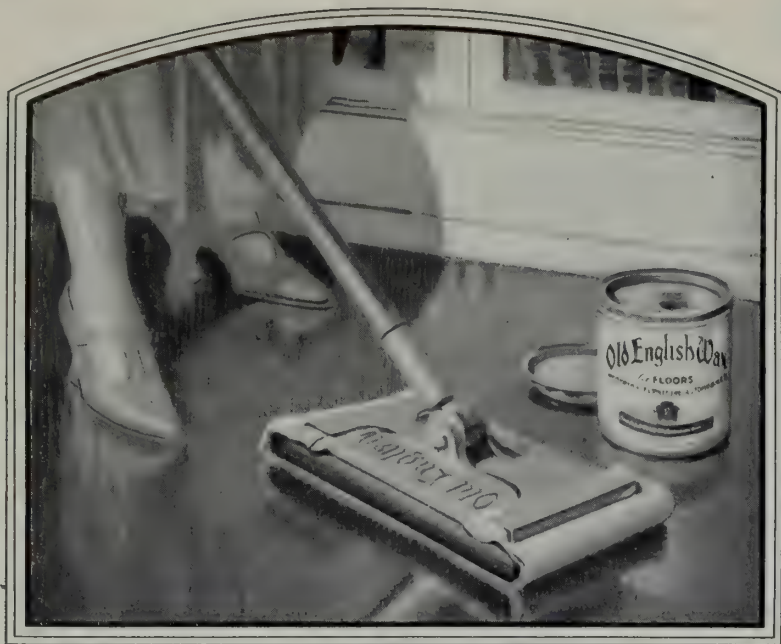
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FURNITURE OF COLONIAL MEXICO

(Continued from page 71)

papers and then pasted upon a common ground. Another class of wall-hanging was made out of canvas, painted with flowers, fruits or other designs on a gold or silver ground, in coarse imitation of Cordovan leather. Rooms of less importance were generally size-painted and had a simple dado of glazed tiles, in the classic Spanish manner.

Ceilings were made of cedar beams supported by carved brackets, both of which were sometimes painted white and edged with carmine and gold. Paneled ceilings were scarce. In the latter part of the 18th century, painted canvas *plafonds* with mythological or fantastic subjects depicted were introduced.

Floors were made of non-lustrous bricks, alternating with glazed tiles; they were hardly ever covered with carpets, which were extremely rare and costly, for they had to be imported.

Chief pieces of Colonial furniture were ample chests, beautifully carved in oak or cedar, and leather trunks with iron fittings. "The large sized chest," say Byrne and Stapley, "called in Spain an *arcón*, served also as a seat and, when covered with a straw mattress, as a bed; and was so solidly constructed and reinforced with iron strips, as to be practically indestructible. . . . Spanish chests of a small, portable size were frequently covered with hide or parchment which was painted red, or sometimes the covering was left its natural colour and the iron straps painted vermillion. Later, in addition to these necessary iron straps and clamps, were added iron rosettes, plaques, numerous hinges and double locks, all beautifully wrought. The smallest chests, for guarding jewels, missals and other little objects, were called *arquetas* and were sometimes made entirely of iron as elaborately chiseled as was the small ivory box of the Moors." The designs on such *arquetas* in Mexico betray, as often as not, their Aztec origin.

Strong iron coffers took the place of our modern safes. They used to be riveted all over, and a most complicated lock, extending to the whole of the inner side of the lid, would be full of bells and knives in an intricate mechanism that prevented all, save the owner, who knew the combinations of his strong box, from laying hands on the golden contents. But it is doubtful whether such coffers were made in Mexico, being very probably brought from Spain.

Other furniture most frequently used were: tables with elaborately carved legs; sofas and chairs with high backs of open wood-work; arm-chairs intricately carved, some being of quadrangular form and called *sillones frailerros*, Friars' chairs, with back and seats of hide, silk stuff, velvet or *guadamecil* (stamped leather from Córdoba); chests, desks and cabinets; footstools, tables, frames and so on, inlaid with ivory, ebony, mother-of-pearl, tortoise-shell, bronze or silver. A certain Miguel González, towards the end of the 17th century, painted some curious pictures, inlaying them at the same time with pieces of mother-

of-pearl, which produced brilliant and extraordinarily fantastic effects.

THE RECEPTION ROOM

Another important room in the Colonial residence was that of the *reception*, on which the arm-chairs were placed for the use of visitors of high rank. It was rounded on three of its sides by a balustrade, or a sort of *acrodastro*, which served to emphasize the importance of the spot.

Besides ordinary "four-poster" wooden beds, called *de cabecera*, generally used. They were always painted in strong colors—green, black, yellow or blue—and much gilding and very of embellished with landscapes.

In Mexico, as in Spain the *vargueño*, (a cabinet general of walnut) was a favorite article. A piece of furniture was so intimate and so well made in the time of Vargas near Toledo that it received the name of *vargueño*. There is no doubt that its making must have been in employment to many Moors still in Spain who carried out their own schemes of decoration which counts for the continuity of the character of much of the applied work. In shape the *vargueño* was an oblong box whose front had two hinges, disclosing the drawers. It was mounted generally on a base from which two massive supports pulled out to hold the front when down, thus forming a sort of settee. It became one of the most popular and distinctive bits of Spanish furniture, and was the *rais d'ensemble* of various beautiful locks, lozenges, plaques, and interesting articles. The filagree lozenge-shaped frame were generally gilded and lined with red velvet. The sides of the *vargueño* were plainer than the front, but often of beautiful design, as the only note aside from the "bracings". (Byrne and Stapley)

RELIGIOUS DECORATION

A great part of the furniture of Colonial Mexico came from Spain, but most of it was undoubtedly made in the new country. At the end of the 17th and first half of the 18th century, the Baroque and the Baroque architecture then in vogue had great influence over such as the exuberance of heavy ornamentation, destroying the harmony and balance of the general effect. To belong to a special design of Baroque mirrors, called *cornucopia*, being supposed to resemble the abundance. During the late 18th century, owing to the influence of the French, who succeeded to the throne, old sobriety gradually gave way to French elegance, and furniture began to be imported in large quantities from Paris and even from London, especially clocks. At the beginning of the 19th century, which saw the end of Spanish rule in Mexico, the use of pieces of Empire furniture were used throughout the country.

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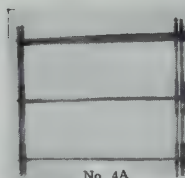
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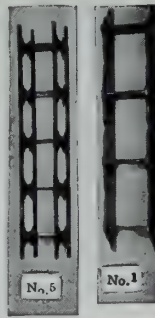


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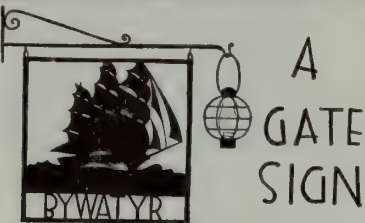
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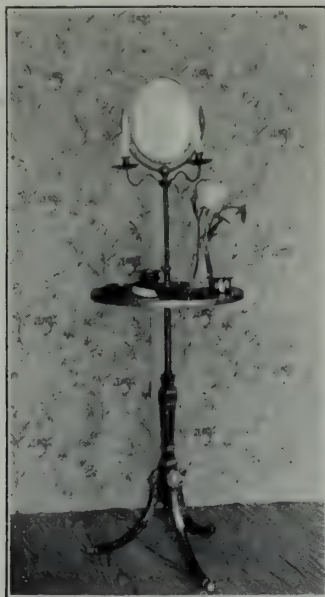
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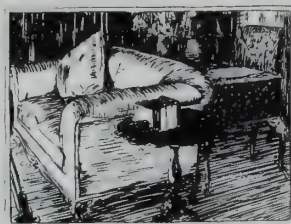
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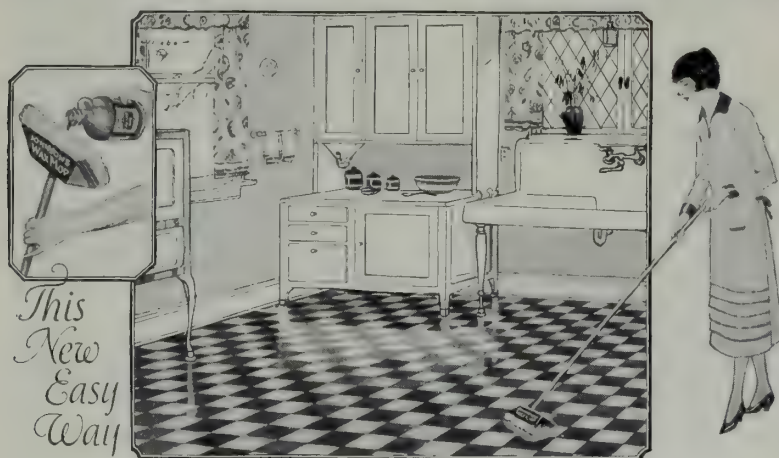


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"HOW do you keep your kitchen so spick and span? It always looks as though you'd just laid new linoleum."

"Why, this linoleum has been down six years. But the man who laid it waxed it for me with Johnson's Liquid Wax and he told me if I'd keep it waxed that it would stay like new. And wear years longer."

"No, it isn't any trouble at all since I bought one of those Johnson Floor Polishing Outfits. Every couple weeks I spread on a thin coat of Johnson's Liquid Wax with the Wax Mop. It only takes a few minutes—I don't touch my hands to the wax or the floor—I don't even stoop down! Just pour a little Liquid Wax onto the Mop and a few easy strokes give the floor a thin, even coating."

"Then I polish the wax with the Weighted Brush. In a few minutes my floor is beautifully polished—and it's no more trouble than running a carpet sweeper."

"Why yes, I wash my kitchen linoleum, of course. But it doesn't seem to need washing nearly as often. And then it's so easy—more like washing off a piece of glass than a floor."

"But I never wash the inlaid linoleum in my other rooms. I polish it a couple of times a year with Johnson's Liquid Wax and that gives such a hard, dry polish that dust stays right on the surface. I re-wax the doorways and traffic spots when they start to show wear—but that only takes a few minutes."

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Insist upon your dealer supplying you with the Johnson \$6.65 Floor Polishing Outfit for \$5.00—it means a saving of \$1.65.

This offer is good at department, drug, grocery, hardware and paint stores. If your dealer cannot furnish the outfit—write us for the name of the nearest dealer who can. If you already have a mop—you can get the Weighted Brush, a quart of Johnson's Liquid Wax and the 25c Book for \$3.50—a saving of \$1.65. Or, any of these articles may be purchased separately.

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"The Wood Finishing Authorities"

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Floor
Polishing
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\$5.00



Your dealer is authorized to offer you this \$6.65 outfit for only \$5.00. It consists of:

1 Qt. Johnson's Liquid Wax \$1.40
1 Johnson's Wax Mop . . . 1.50
1 Johnson's Weighted Brush 3.50
1 Johnson's Home Beautifying Book25
\$6.65



Stores displaying this sign can furnish the Johnson Floor Polishing Outfit. They also carry a full line of Johnson's Artistic Wood Finishes.

TEN POPULAR PERENNIALS

(Continued from page 74)

HARDY POPPIES (*Papaver orientalis*.) Setting in August or early September divisions of roots is better than putting in potted plants either in the fall or in the spring. Plan to let them be covered late in the summer by a spreading plant like Baby's Breath (*Gypsophila*), for they generally die down completely after they have flowered, to rest for several weeks. It is best to buy named varieties, for plants raised from seed nearly all have the not pleasing color of the original type.

HARDY LARKSPUR (*Delphinium*.) Plant in the fall or in the spring, in soil rich but containing no manure other than some that is very old and thoroughly incorporated with the soil. Bonemeal, wood ashes and soot all are good to use. Cut off the first stalks that have borne blooms, in order that a second crop may spring up. They are easily grown from seed sown early in the summer or in August, under a lath shade. If the seed is not fresh it should be soaked in water for several hours. Against blackspot pour around the base of the plant occasionally a weak solution of lump lime and tobacco dust made with boiling water, but applied cold, of course.

PERENNIAL PHLOX (*Phlox paniculata*.) Plant, in spring or fall, in rich soil, with old manure worked in, young plants from cuttings or divisions. Keep well watered. To make them bloom late and with more

branching pinch off the top of the stem before the flower buds form. Against mildew sprinkle with water and dust on fine sulphur, or spray with sulphide of potassium, one ounce to 2 gallons of water.

HARDY CHRYSANTHEMUMS (*Chrysanthemum*.) Plants of named varieties that are hardy to set into the ground in late April or in May in full sunshine, but preferably in a sheltered place from the cold west winds of autumn and winter. Cut off the ends of all stems in late September and replant, with some every year or two, in late early May; but the older kinds do not need such frequent division. Late in June pinch them to within six or seven inches of the ground. In July spray with a solution of sulphide of potassium in water. Against Black Fly spray with a nicotine solution.

HARDY ANEMONES (*Anemone*.) Plant only in the deep, moist, mellow loam, not in a place protected from the afternoon sun. Protect from freezing.

For summer blooms, in the garden, and for cutting Gladioli. In the shrub or border they may be placed in small circular clumps of five or six with a stake for support in the center but deeper planting would obviate the need of staking.

HOME-MADE ELECTRICITY

(Continued from page 94)

costs, for everyone has a different way with machinery. It has been computed by some users of these plants that lighting costs less than one-quarter as much with them as with oil lamps. It often takes less kerosene for fuel for these plants than it takes to replenish lamps with oil.

Some of these plants are so simple that there is no carburetor, no belts, no cranking, no water to carry, and only one place to lubricate. You will find that many people know not of the existence of these plants—even electrically trained folk—so don't give up the ship in your cruise for comfort.

Most of the machines work on gasoline or kerosene, which makes the electricity inexpensive. In the best there is no cranking—a button or lever to press and that is all.

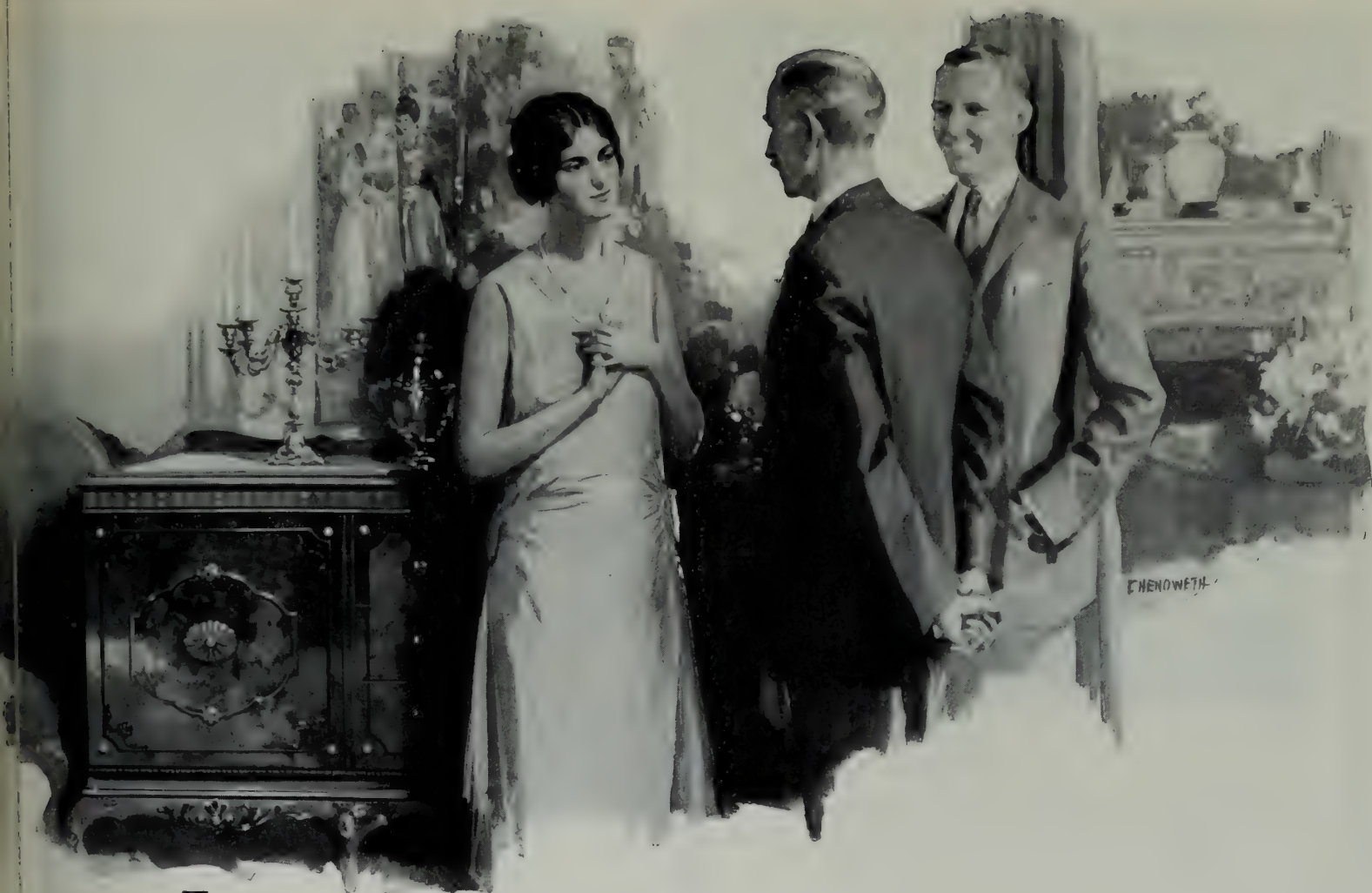
There is another type of electric plant that does not use the storage battery system. This has a starting battery of 24 volts only and the rest of the machine does the job. This type of machine is beautifully made and fills the need of the home delightfully. There is an automatic switch for starting the engine and standard lamps and devices can be used with comfort. With this type of machine, the engine must be in use continually as there is no way of storing electricity while the engine is resting.

All these machines, with or without storage batteries, have efficient governors, which provide regulation from light to heavy loads. Appliances made for 110 volts can be used in connection with these machines.

All you have to do is push a lever or press a button and your electric power house starts to function. The button is usually in the control panel near the machine. The pressure on the storage battery starts the engine just as does the battery in the motor car engine, when you push the starter with your foot.

So your electricity becomes as simple to use as drawing up water from a storage tank. If you take from the battery, you have to recharge it. Then when the battery is well charged, you can use the electric output of both battery and engine and thus have more electricity than you would have on either battery or generator alone.

On the battery there is usually a device which indicates the charge, so that guess work is again minimized and with it the strain of uncertainty. Suffice to say that the generator and all parts should be well fashioned and made by a firm of great integrity. Never buy a lighting and power plant until you know the forces and ancestral beginnings of that plant.



IS YOUR HOME READY — for the Important Hour ?

NOT alone in high financial and diplomatic circles does home entertaining play a vital part in a man's—woman's—success.

Almost any prosperous business man will confess that his home has ranked second only to his office in the happy outcome of many an important deal.

Here, under the spell of refinement and ease, men relax and become more intimate, more responsive, more patient to listen, more open to conviction—in a word, more approachable.

When your husband telephones home that he is bringing an important client or business acquaintance to dinner, he is simply employing one of the oldest, wisest, and most effective conventions of statesmanship.

And lucky is he whose home has been furnished with these important occasions in mind; who has no apologies to make—or think—when his guest is ushered in.

We talk much of successful husbands, but successful husbands

are usually men with successful wives, and it is on these important occasions that a man realizes whether or not he is receiving thoughtful, artistic cooperation at home.

For there are few progressive men who will refuse to spend a reasonable amount of money for good furniture, if the suggestion is presented to them in the right light.

It is the transient, frivolous expenditures that irritate the lords of creation.

They can be brought quickly to see that good furniture is an investment yielding high dividends for many years. That it means as much to the husband in business as the wife socially.

That it reflects prosperity and good breeding as nothing else can. That it promotes congenial home life.

And good furniture is not expensive. Berkey & Gay have been building good furniture for 60 years. Their name is a hall mark of quality wherever quality is recognized. Their corps of expert designers, their craftsmen, their woods and materials are carefully selected to meet unusually high standards. They build each piece to last for generations.

And yet *anyone* with an average income can afford to furnish his home with Berkey & Gay pieces. Ranging in price from \$275 to \$6000, there is a Berkey & Gay suite for every need—almost for every purse.

Take an hour or so some afternoon and visit your nearest Berkey & Gay dealer. The beauty, variety and wide price range of the aristocratic Berkey & Gay line will prove a delight and a revelation.

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& GAY PRODUCTION



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PROTECTION WHEN BUYING
AND HIS PRIDE EVER AFTER

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KENSINGTON FURNITURE

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39TH ANNUAL EXHIBITION ARCHITECTURAL LEAGUE OF NEW YORK
FEBRUARY 1, 1924



*A Wall in the Showrooms
Early Spanish Walnut Table, by Kensington*

THE growing interest in the furniture and decorative art of Old Spain is a natural result of the trend in America toward simplicity and freedom in home surroundings. We are coming to share the Spaniard's appreciation of the restfulness of plain wall surfaces and their value as background for fabrics and furniture.

Early Spanish furniture (Mudejar), the work of Moorish craftsmen, is a fascinating blending of the richness of Renaissance Italy with the simplicity of the Arab. The frank directness of its construction and ornament gives it an extraordinary vitality and a decorative quality that is brilliant yet essentially simple in character.

Fidelity in design and the old-time hand processes of the Kensington craftsmen retain in Kensington reproductions the character and the decorative quality that are the charm of the antique.

Kensington Furniture is made in all the decorative styles appropriate for American homes.

The purchase of Kensington Furniture may be arranged through your decorator or furniture dealer

Write for illustrated booklet H and pamphlet, "How Kensington Furniture May Be Purchased"

KENSINGTON MFG. COMPANY
MANUFACTURERS AND IMPORTERS
DECORATIVE FURNITURE & ART OBJECTS
NEW YORK

SHOWROOMS, 41 WEST 45th STREET, 6th FLOOR



The large panel of Chinese wall paper in the attractive living room above makes an interesting background for the fine collection of French furniture. From Nancy McClelland

BACKGROUNDS FOR FURNITURE

(Continued from page 59)

equal the dignity of a room paneled in dark wood, mellowed and enriched by time, but as interiors of this character are beyond the means of the average householder, a dignified background for this type of furniture may be achieved with sand-finish plaster walls tinted a neutral shade such as cream, gray or light tan. Or if the upholstery is in strong colors and needs a dark background to tone it down, an oak paneled wall may be simulated by means of strips of moulding on plaster, the whole painted a rich dark brown and glazed to give a look of age. Paper is also suitable as a background for English furniture of a little later date, the William & Mary and Queen Anne styles. In this case,

the designs are bolder, more colorful than the papers of the 18th Century, in keeping with the sturdiness and strength of the furniture.

For Italian and Spanish furniture much the same rule holds. A background of plaster walls tinted a cream tone not only affords a nice contrast to the dark wood of the furniture but permits one to use richly coloured hangings and upholstery. As the majority of furniture of this type is large in scale it requires a fairly good-sized room to do it justice. This means an expanse of wall space which, unless decorated or covered with hangings of some description, is apt to have a bleak, cold appearance. A clean-

(Continued on page 126)



A long narrow hall in a city house has been made unusually interesting by a decorative Chinese paper in cream and crimson, a pleasing background for the delicate walnut furniture

CHOCOLATES

AND BONBONS



Louis Sherry

300 PARK AVENUE
FIFTH AVENUE AT 58TH STREET
AND IN
THE WALDORF-ASTORIA

FRENCH Hand Made Furniture

THE surprising thing about French Furniture is its moderate price for such fine quality, true art character and authentic design. It endures for generations, increasing in beauty and charm with the years.

Good dealers carry "French" Furniture and you will always find their stores a source of home-furnishing inspiration. If your dealer does not handle it, write us and we will see that you are served satisfactorily.



Branded underneath every piece, this mark
is a guarantee of quality

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90 Eighth St. S.

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MINNEAPOLIS, MINN.



The Florentine table, a beautiful reproduction of a 17th century Italian table, is of solid walnut, mellowed and antiqued. Elegant in its strength and dignity of line, this hand-made table retains all the charm of the antique. The carvings on both sides are done in the spirit of the original.



TO THOSE WHO SEEK REAL VALUE IN *Fine Furniture*

Perhaps you have searched in vain for some odd chair, or refectory table, a high-boy or a sturdy English cabinet—priced modestly but distinctively designed. Perhaps you have been disappointed at special “sales.” Then come to McGibbon—and like a host of others you will be surprised at the extensive selection, the unique design and above all the decidedly moderate prices of this fine furniture.



During February, McGibbon is showing a group of special values which offer an opportunity for splendid savings.

Take this opportunity to purchase a Chaise Longue for the boudoir, a Secretary or deep cushioned Tuxedo arm chair for the living room. They are priced very attractively for the economical purse!

*This beautiful Secretary is of Solid Mahogany. 38 inches wide.
\$215.*

Send for our Booklet No. 62 featuring special values in McGibbon Furniture.

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3 West 37th Street - New York
NEAR FIFTH AVENUE

HOUSEHOLD
LINEN

INTERIOR
DECORATIONS

LACE
CURTAINS



In the living room above a dark paneled wall makes a rich background for the English furniture and chintz. Mott B. Schmidt, architect

BACKGROUNDS FOR FURNITURE

(Continued from page 124)

ing solution of this problem is the dining room shown on page 58. Here the walls are covered with painted landscape scenes, in soft greens with an occasional note of red. As only one set of sheer glass curtains is used, these walls give the room its character and color as well as providing a rich and dignified background for the furniture.

Study your furniture well before selecting the background. If it is a set of Directoire chairs you wish to play up, choose a paper with a deli-

cate, classic design. Perhaps it is a beautiful old lacquer secretary that you would like to build the room around. Give it a fitting background of paneled walls painted a tone off the color of the lacquer. If you have an unfortunate collection of chairs use a dominant wall paper to distract attention from the ugliness of the furniture, but if your piece is mainly of the upholstered variety and covered in an assortment of silks, let the background be neutral so as not to clash with the varied upholstery.

A SHELF OF HOUSE & GARDEN BOOKS

(Continued from page 84)

in England, imitations of Indian cottons and Utrecht velvets. Demand for wall papers stimulated the inventive genius of manufacturers; the mechanical processes of making them were improved. The designs employed fluctuated with the changing of the periods until they reached that high state of the landscape paper in which interest today is being revived. Although the great modern printing presses turn out wall paper by the mile, it is to the work of the old wood blocks that we turn for the sincere and free expression of the wall paper art. The printing machine came in about 1840, and by 1867 it had ousted the hand-blocked paper. History stopped at the presses. It is of the age previous to 1840 that Miss McClelland writes.

Each of the steps in this romantic history Miss McClelland follows in successive chapters—the dominotiers and the earliest block-printed papers of France; the early block-stamped papers of England and the 18th Century paper-stainers; the period of papers that imitated tapestries and woven stuffs; the period of papers that imitated printed fabrics; the Chinese papers and their imitations in

England and France; the paper in England and France that imitated painted panels; the epoch of scenic papers; the painted scenic papers; the early American wall papers, a chapter in wall paper history of which we can be justly proud; and then a survey of some famous scenic papers and their owners. In the final chapter are found a translation of Dupour's booklet on the Captain Cook wall paper; a tabulated survey of the wall paper designers, manufacturers and dealers from 1500 to 1840; a list of the wall papers issued by some of the English fabricants of the 18th and 19th centuries; and finally a comprehensive bibliography and index.

The illustrations of “Historic Wall Papers” include twelve plates in color and 245 illustrations in half-tone, making it, together with its excellent format and printing, a gorgeous example of the art of book making.

It is also heartening to find among our decorators one who is capable of so scholarly and comprehensive a piece of writing. Miss McClelland has done a great work for her subject; she has also elevated her profession.

(Continued on page 130)

A tribute by the Metropolitan Museum to Early American Furniture

*Danersk Furniture has long been built
on the finest traditions of this period*

DURING the past thirty years there has been a steady growth in appreciation of the friendly forms of our own American furniture, culminating in the recent gift to the Metropolitan Museum of an entire wing devoted to Early American interiors. To

study the furniture contained in these rooms is to study

the designs from which Danersk Furniture has been built from the inception of our enterprise.

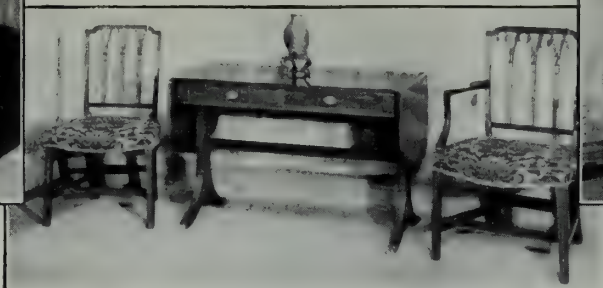
Our own showrooms are the only places where Danersk Furniture can be seen. You may purchase through your dealer or decorator, or direct from us, but it is important to see the furniture itself. Decorators and their clients are always welcome.



*New Early American Wing,
Metropolitan Museum of Art*



William and Mary hutch



Duncan Phyfe sofa table and American Heppelwhite chairs



*Duncan Phyfe table and American
Heppelwhite armchair*



*Authentic Queen Anne
armchair*

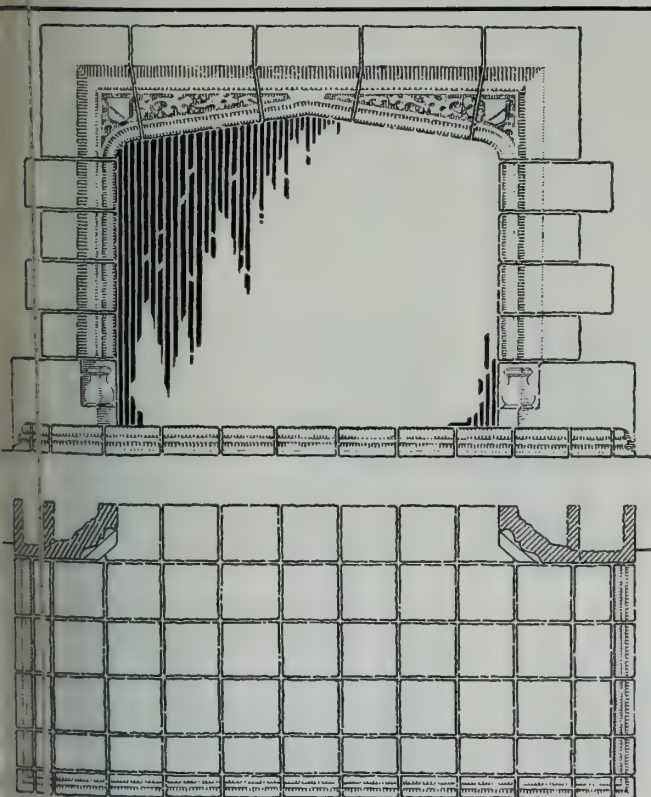
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harmonize
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*If hinges were as large
as the work they do*

Then you would select your hinges and build your home around them. Many things measure larger in beauty and service than in size. In this group are McKinney Hinges.

They are the beauty spots in your home. They are the silent little workers that make doors operate smoothly and faithfully. They are first to serve you in your home and last to wear out. Buy McKinney Hinges to make a lasting investment in comfort, at small cost.

To keep within your building budget visit your hardware merchant early. Know in advance what McKinney Hinges and the other hardware will cost. Decide later on the less-lasting items.

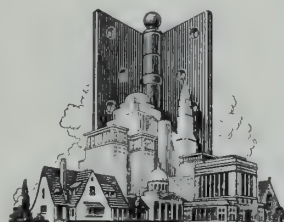
You can obtain McKinney Hinge quality in sundry hardware articles, including complete hardware for garage doors.

A Gift for Those About to Build

McKinney Forethought Plans consist of little cutouts of your furniture made in proportion to your plans. With them you can arrange and rearrange your furniture right on the blue prints until you are certain the wall space, fixtures, doors and base plugs are as you want them.

To aid in your home building McKinney will gladly send a set of these plans. Just write.

McKINNEY MANUFACTURING COMPANY
PITTSBURGH PENNA.



Residence at Sacramento,
Cal. Redwood Bungalow
Siding painted white.
Dean & Dean, Architects



Residence at Sacramento, Cal.
All outside wood finish of
Redwood.
Dean & Dean, Architects

T. P. L. Co.
REDWOOD
GUARANTEES
Low upkeep costs

UNDER the eaves, around the windows, next to the masonry, close to the ground, where vines climb and on the shady side of the house where moisture lingers, decay appears first and does most damage.

By specifying T. P. L. Co. Redwood for siding, clapboards and shingles, mouldings, porch columns and trim, rail and balusters, mudsills and foundation timbers door and window frames, pergolas, greenhouses, summer houses, fences and garden furniture, you automatically cut down annual paint and repair bills.

During growth, T. P. L. Co. Redwood is permeated with a natural preservative which protects it against all forms of fungus decay. It takes and holds paint unusually well. Properly seasoned, it does not warp, shrink or swell. Containing no highly inflammable resinous compounds, it is slow-burning and reduces the fire hazard wherever used.

U. S. forest experts, in a recently issued report, "Technical Note No. 173", assign the highest total rating to Redwood on these important points: *durability, lack of shrinkage, strength as a beam or post, ease of gluing, workability and ability to "stay put"*. These features make Redwood the natural choice for all exterior purposes.

Redwood's salmon-pink to reddish color, an almost infinite variety of grains from the plain grain of the straight logs to curly grain and complicated and beautiful burls, its non-shrinking quality and the fact that clear boards of practically any desired width are available, make Redwood ideal for interior finish.



Before you build, write for our "Redwood Homes Booklet" and for "Physical and Mechanical Properties of California Redwood in Comparison with Other Woods."

Greenhouse of 12' x 12' x 12' Langhorne, Pa. etc., Redwood.

Built King Construction Co.

The Pacific Lumber Co.
Redwood

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Wholly new roofing color effects

*Opal
Bronze mosaic
Tapestry tan
Onyx*



*Richardson's latest contribu-
tion toward harmony of color
to the home*

roof with the coloring of a woodland pool
lake, with autumn leaves—opal!
Further with the soft, pastel shades of rare
mosaic, in reds, browns and blue-green—
tapestry tan!

Bronze Mosaic! Onyx! Here are roofing
effects wholly new, to add beauty to the
modern home.

Before you build; before you re-roof, by all
means see these new colorings. One of them
will give your home just the distinction and
charm you've always wanted.

A list in the Georgia hills made them possi-
ble. It revealed a slate color of rare beauty—
mellow brown, the mellow brown of Octo-
ber fields. Richardson's discovery of this un-
usually hard, permanently fixed in gems of slate,
has opened a new era in roofing
beauty. And its very latest
development is these four
new effects in Richardson
Multicrome Roofs.

Rich blends of color

Each roof is formed of
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Tapestry tan is a com-
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bronze mosaic shingles,
with a background of
mellow brown weathered

shingles.

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The Richardson Company



Roof is predominately a cool blue-green tone,
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With these colors you can make the roof one of
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coloring of the roof be in harmony with the
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its full share of beauty to
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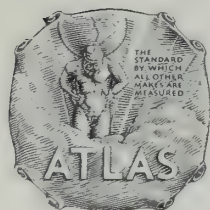
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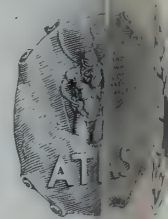


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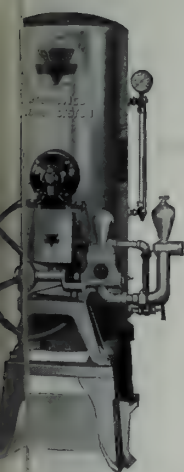
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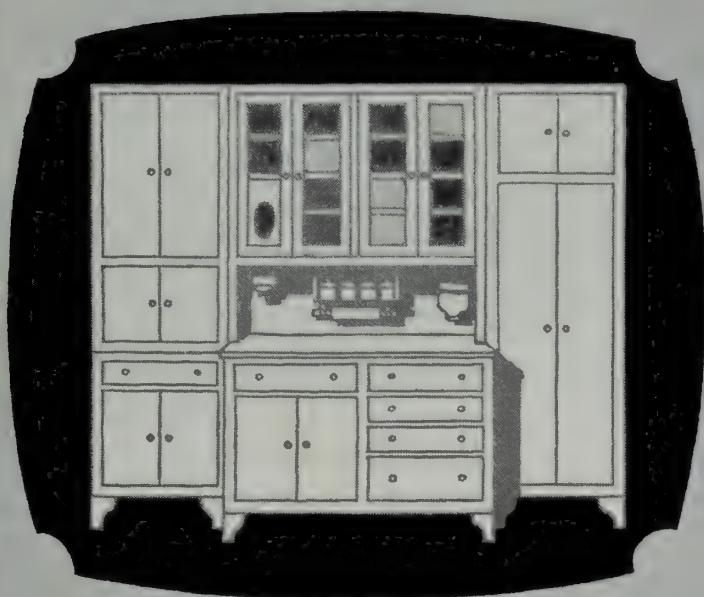
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Est. 1840

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A SHELF OF HOUSE & GARDEN BOOKS

(Continued from page 126)

ENGLISH DECORATION AND FURNITURE OF THE EARLY RENAISSANCE, 1500-1650. By M. Jourdain. Charles Scribner's Sons.

The Library of Decorative Art, of which series this volume is a part, consists of four volumes, two by Francis Lenygon and two by Miss Jourdain. Together they form an historical and analytical survey of English decoration and furniture from 1500 to 1820. Both in format and in standard of scholarly presentation the volumes are uniform. The present volume covers the earliest period, treating only of the early Renaissance, and excluding both Gothic work and the decoration of Inigo Jones. It is a study of origins. Consequently prominence has been given to the foreign influences that were translated into the naïve vernacular of Tudor times.

This period of the early Renaissance is one of the most interesting phases in the history of English furniture because it witnessed the laying of those foundations on which were erected subsequent periods. It was a stage of transition that saw the interest and skill of craftsmen gradually turn from the enrichment of churches to the enrichment of the home. The taste and influence of Henry VIII stimulated the new inspiration. It was under his direction that Italian masters and artisans were put to work; these brought to English artificers the spirit of the Italian Renaissance. French and Dutch masters as well brought in their native tastes. Not only did these workmen infiltrate English decoration of the time, but quite a quantity of furniture from Italy and France, sumptuously decorated and upholstered, was imported. These formed the bases for English native productions.

Moreover, this era saw the growth of furniture in the home. Whereas the bed and the chair were mainly pieces possessed by the rich or by royalty at the beginning of the early Renaissance, the end of it saw such a production and creation of furniture and such a development of the mobiliary art that the middle classes possessed them.

This, roughly, is the period that Miss Jourdain covers in her volume. It is the period of decorative awakening in England. Her text—the most authentic being written on this subject at the present time—covers all phases of this mobiliary renaissance—the woodwork, its carving, the inlay of both furniture and floors, decorative painting, plaster, glass and glazing, chimney pieces, interior porches and doors, stairs, the woods used for furniture, with special chapters to special important pieces. Each of these phases is illustrated by an abundance of photographs and line-drawings that makes this volume equally as sumptuous and valuable as its companion volumes in the series.

THE OLD-WORLD HOUSE, ITS FURNITURE AND DECORATION. By Herbert Cescinsky. 2 volumes. The Macmillan Co.

Because the subject is approached in quite a different manner from that hitherto employed in studies of furniture, Mr. Cescinsky's two volumes

make refreshing as well as an intelligent reading. We have the scholar (and sometimes heavily written) work, or the very practical modern book of suggestion on home decoration. Between these two poles lies a volume and in that area you find the path that, while not being palatial,pires to attain the authentic atmosphere of the old-world house. The making of such a house implies both the knowledge and skill of a decorative expert and the taste of the owner to appreciate what is assembled. And because he has not weighed down his two volumes with overmuch scholarship and stiffness of expression, this author has made a genuine and valuable contribution to the literature of the house.

He states his credo in the first pages—he would rather have a good modern reproduction of a good piece than a bad original however authentic its history. His text is devoted to showing what in the past was good. In his chapters he gives a brief historical outline of the furniture styles and the well-known craftsmen since these are facts necessary for those who would appreciate good furniture. He also has chapters of good advice on the decoration of rooms in general, his topics ranging from the use of wood on Georgian paneling to the difficulties of the average bathroom. And while his advice is sane and helpful, there are times when his taste would be questionable in American homes. In fact, Mr. Cescinsky is more dependable and more easily read in his chapters on the development of furniture styles. In these his authenticity cannot be questioned. The chapters on 18th Century and modern polishes and on the woods used in English furniture are especially valuable. The two volumes are heavily illustrated, many of the furniture pieces being from private collections not hitherto shown.

AMERICAN HOMES OF TODAY. By Augusta Owen Patterson Macmillan.

This book is a gallery of good houses and a guide to modern American domestic architecture. It is a sumptuous gallery, as it is limited to large houses. For that matter, it is a sumptuous guide as well. The first line of the preface being: "This is a book rather on esthetics than on architecture." That, for this reviewer, is a bad beginning, because architecture interests him greatly, and esthetics is apt to bore him. Esthetics is the self-consciousness of art and is only fine food when served with a mellow philosophy. Fortunately, the threat of the author's first line is not carried out too seriously, and the book, being filled with wise and pertinent observations on the past and present of our domestic architecture, provides an excellent accompaniment to the illustrations. These include, among the hundred houses shown, one of the best work done here during the last twenty years: work that has placed American architecture in its deserved preeminent position. There is, for instance, McKim, Mead & White's house on Fifth Avenue at 40th Street.

(Continued on page 1)

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In five years, or even sooner? Will doors then swing
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steel on all your doors and windows will prevent the
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we have built the quality of permanence.

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*If Your Rug Is Wrong
Your Room Cannot Be Right*

A commonplace but useful piece of furniture can be tucked
away unobtrusively, but the floor covering dominates the room.

We have outgrown the weaves of forty years ago. Today,
if a worthwhile Oriental rug is beyond your means you can
possess the BENGAL-ORIENTAL rug—a rug which embodies
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artificial means; and because it is all rug it can be repaired and
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A SHELF OF HOUSE & GARDEN BOOKS

(Continued from page 130)

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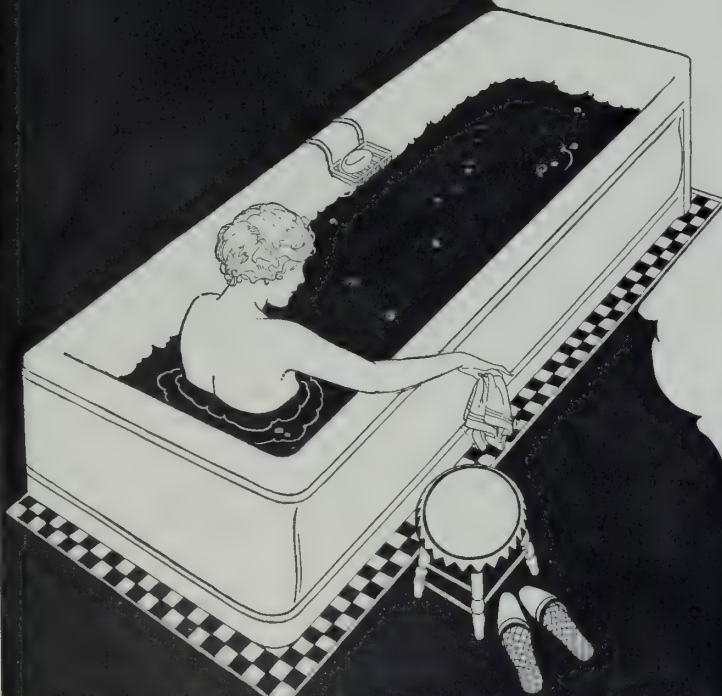
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which is far and away the finest town house in the country and is passed by more people daily, and recognized for what it is by less, than any house in the world. There are the Work and Burden houses on Long Island done by Delano & Aldrich; the first a splendid building in the Italian manner and the other a graceful, beautiful compliment to our own Georgian Colonial style. One of the best of Mr. Pope's residences, the Frick house, in Baltimore, is shown, with others from that architect's office. The only thing in it by Charles A. Platt, certainly one of our two or three greatest architects, if not actually our greatest, is the swimming pool done for Ralph Pulitzer at Manhasset; but even this obscure fragment of his work shows his magnificent feeling for beauty of line and proportion and for the dignity of great architecture.

R. H. P.

COLLECTOR'S LUCK IN FRANCE.
By Alice Van Leer Carrick. The Atlantic Monthly Press.

Although this book was mentioned on House & Garden's Bulletin Board in November, we cannot pass it by without further comment. For it is a little book, a pleasant, chatty, friendly little book; whereas most of the books on our shelf at this time are huge and expensive tomes. So we mention it again, just to say how much fun its readers can have collecting with Mrs. Carrick in France, and how, if they go to the places she lists at the back of her volume, they will doubtless have as much luck as she. Mrs. Carrick, it will be remembered, wrote "The Next-to-Nothing House". Well, her collecting is next-to-nothing collecting.

ROSES FOR ALL AMERICAN CLIMATES. By George C. Thomas, Jr. Published by Macmillan.

The many rose growers in the populous eastern and north-central States who have regretted the moving away of Captain Thomas and of his garden on Chestnut Hill have now cause for rejoicing, in common with rosarians all over the country; for he has given the most cosmopolitan of flowers, the universal Queen, in this book, her merited breadth and comprehensiveness of treatment. Such handling of the subject is very useful in these days when searching for new and better things among plants is so keen, and it is particularly useful in the case of the Rose just because of its diversity of origin and consequent diversity of hardiness and adaptability in other respects. And the Rose is fortunate in having the work done for it by a man who adds to great ability, native and acquired by inheritance from his foster father, Doctor Huey, ardent devotion and ample means.

The great value of the work is at once suggested and proved by its being a revision of the author's own Practical Book of Outdoor Rosegrowing, which has been approved in long and thorough testing and has been worked up to an acme of excellency as a handbook. Now is presented all that is best in that former work, with re-

liable directions not only for wisely from the myriads of varieties those that are sure to be successful in a given part of the country, but also with the most effective methods of managing those along with reliable statements of what is to be expected from each variety. Even the Climbers, the Dwarf and other species commonly a in thought with the Briers, the Rugosas and the Dwarf P are differentiated for the various localities. There is a most substantial discussion of the vexed of Own-Root versus Budded and of Propagating in all the manners. Pruning and Gene also receive due attention.

F. M.

MANUAL OF TREE AND INSECTS. By Ephraim Felt. Published by Macmillan.

The tremendous importance of the subject, esthetically and economically, may be suggested by the fact that the notably able and exhaustive recently published, makes no mention of the popularly called Beetle, which, in one of the horticultural regions of the not far from the author's home, within the last few years begun to do a fearful damage and is spreading as yet scarcely checked at any way. Hundreds of insects that in various stages of transformation, in various parts of the country, just be seriously reckoned with, are illustrated, described and prescribed for. The great usefulness of the book is in bringing together, digesting attractively and clearly presenting a large amount of material that is scattered in the several papers and journals that, unlike governmental bulletins, are not accessible to the general reader.

To a great extent popular in character, the book might well be enlarged more upon natural classification, methods of control for injurious insects, in the chapter devoted especially to that topic, for the measures listed for specific stages are very brief in the text. More than is said about climatic effects, the service rendered by birds and the use of parasitic and predatory insects would interest and instruct, as would collated more detail about selecting plantations certain trees that are resistant. More suggestions would help, like the suggestion against confining the one community to the other, would promote the increase of an insect that might become established and cause thorough calamity. The dealing with Plant Galls and Insects is made up of capital and of information interesting to the student; but it is of no economic importance. Similar judgments are passed upon what is said of Bark Beetles, most of which can even be recognized except the expert. But the practical gardener, the landscape architect and the forester will find satisfaction in being directed by an accurately made index.

(Continued on page 131)



Living Rooms

AiR-Way equipped living rooms may be thrown wide open to the cooling breeze whenever the thermometer begins to climb.



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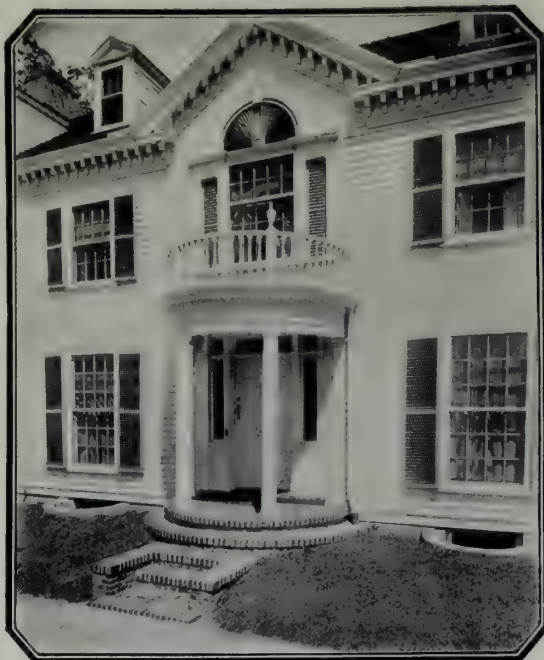
AiR-Way equipped windows enable you to quickly convert her sunny kitchen into a pleasant sleeping porch.

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First Baptist Church, Johnson City, N. Y.

Comfortable but Not Drowsy

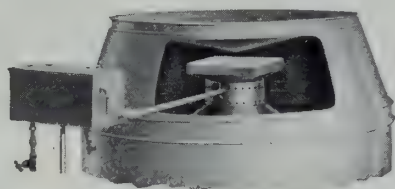
The members of the congregation of the First Baptist Church of Johnson City, N. Y., are supremely comfortable while attending church, but they're mentally "on their toes"—keenly interested in the service, not drowsy from dry-heated, lifeless air. For their church is heated with Kelsey Health Heat.

In church or home, warmth is not enough. Moisture, in just the right quantity, and fresh air in constant motion are necessary. Else the brain is robbed of its blood, throat and nostrils become dry, and your head begins to ache.

The Kelsey Warm Air Generator, installed in thousands of homes, schools, and churches, supplies a constant flow of fresh, warm, moist air—air that is moistened by the Kelsey Automatic Humidifier, and forced at high velocity into every nook and corner. This means comfort, alertness, and health. And Kelsey Health Heat, because of the unique construction of the Kelsey combustion chamber, is money-saving heat as well.

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A SHELF OF HOUSE & GARDEN BOOKS

(Continued from page 132)

only some of the more popular terms, like "lace-wing fly" for Lace-bug or *Rhododendron* Lace-bug, to the solution of problems that insects are continuously raising for him. The fruit grower only might wish for more than he can find; the peach-tree borer, for example, is not mentioned in the chapter on Destructive Borers and Wood Gnawers and only seems to be included in the little that is told about the apple-tree pest.

It constitutes a worthy addition to Professor Bailey's *Rural Manuals* and will certainly receive a hearty welcome. The demand for it will undoubtedly justify, at not great intervals, revision that will more and more catch up with a subject that is bound to enlarge fast, in spite of most strenuous efforts, public and private, toward control. Its saliently excellent chapter on Scale Insects prompts the hope that there will soon be available a companion volume dealing with the destructive blights, blisters and spots that are perhaps even more widespread and more ruinous, as they are more insidious and difficult to subdue.

F. B. M.

THE LITTLE GARDEN FOR LITTLE MONEY. By Kate L. Brewster. Published by the Atlantic Monthly Press.

Here again is evidence that Mrs. Francis King, the General Editor of "The Little Garden Series," has made good use of her wide acquaintance with plants and with persons, for the assignment has been made wisely. She is fully justified in declaring, in the editorial preface, that the "directness and simplicity of this book will refresh the reader." "It is a sort of first aid," to be of especial use to the many who, with the multiplying of the automobile and the spreading of the electric car lines, are moving out into the suburbs. For such persons the way to have a good lawn and a successful flower garden is made so plain that not even the most foolish need err therein. Getting the most for one's effort and money, with both desiderata possessed in limited degree, seems to be the keynote of this harmonious little volume. Landscape design and construction are actually concentrated into elements simple and yet sufficient. So fine is the condensing that even Special Gardens are brought within the limits and enough is said, for the average tiro, in such cases; for him the First Choice of Plant Material also is made easy and there is an alluring beginning of specializing in the biggest things of the modern flower garden, Roses, Irises and Peonies.

Omissions will of course occur to the expert, like that of Darwin Tulip Pride of Haarlem and Mrs. Moon among the Cottage tulips. But the lists are practical ones. Unusually sensible advice is given about protecting plants for the winter; in connection with the use of leaves for mulching, however, caution should have been put in against the employment of leaves from soft-wooded trees. Room has been found for nice combinations of flowers, in the connoisseur style of the General Editor herself.

So much indeed is contained in slightly more than one hundred pages that, even more than in the other volumes of the series, is the want of an index.

THE SMALL HOME, by Draper Brinkloe. Rober Bride & Co.

The practical is made artistic in the artistic made practical in Draper Brinkloe's "The Small Home—How to Plan and Build It."

From his wide experience as an architect, he has sensed the small, low priced homes with balance, beauty and durability plus all the step-saving, space comforts that make life in the home comfortable.

Mr. Brinkloe takes up, in the preliminary steps that, to the layman, have usually been as unapproachable as ancient hieroglyphics.

He first advises on the site of the future home, carefully outlining the advantages and the disadvantages of different sites and how to choose the home to best advantage in the various settings. Then he gives some illuminating information on the cost of building, shows how to estimate the cost roughly, and how to draw plans and specifications. He suggests materials best adapted for use in different localities, gives practical hints on plumbing and even enters into the too-often neglected kitchen, and elevates it to the level of comfort and livability.

In short, he initiates the would-be home builder, in a friendly, direct way, into the important details of home construction—pointing out frequent stumbling blocks, insisting on solid construction, careful supervision and rigid adherence to high standards of beauty in design. Finally, you yourself are a bit of an architect, a contractor, plumber and even an electrician and heating engineer. Well, a good set of stock plans, a good stock of energy and determination and you are equipped to build your home, with artistry!

At the end of the book are plans, pictures and written descriptions of homes, ranging in size from the tiniest bungalow of three rooms and bath, to eight and nine room houses. The estimated cost is given for each plan, so that a plan may be chosen that is compatible with a budget. The estimates range from \$2710 for the smallest bungalow to \$12,000 for a nine room house. A allowance is made for local conditions and the range of market prices of materials. The range of cost covers the mean and extreme, giving a choice for any one who is not troubled by the problem of building within a limited income.

And, by the way, complete working blue prints of any one of the plans shown, are available for a small price.

Mr. Brinkloe, in this book, has done a great service for the common family life, and for the common sense that will be the fortunate background for these charming little homes.

(Continued on page 135)

CYPRESS IN WINTER



When you sit by the blazing log (not Cypress!) you can hardly help thinking how uncommonly snug you feel because of your sub-conscious thought of "the wood eternal" surrounding you, and guarding you against not only the blasts of to-day but also against the repair bills that most people budget for some early tomorrow. It's a *very* pleasant feeling.

Tide Water
Cypress
"The Wood Eternal"



CYPRESS IN SUMMER



And when "they" come down the undecaying Cypress steps when Father comes home, you can't help looking at the railings and fencing, and the garden structures, and especially at the siding and all exterior trim of the home itself, and you can't help thinking how comforting it is that there's such a lumber as Cypress.

ONE THING IS TREMENDOUSLY IMPORTANT: BE SURE YOU GET THE GENUINE "TIDEWATER" SPECIES.

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To place your faith in Corbin is to place Good Hardware in your building—hardware that *will* work, *will* last, *will* look well as long as you live. Could there be better evidence than the ever-growing host of good buildings—large and small, public, residential, business and industrial—that deserve Good Hardware—Corbin—and have it?

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REPLENISHING your household linens at the *Maison de Blanc* is accomplished with an enormous amount of pleasure and satisfaction. For here, coupled with the traditional quality and beauty of our linens, you will also find a most gratifying moderateness in price.

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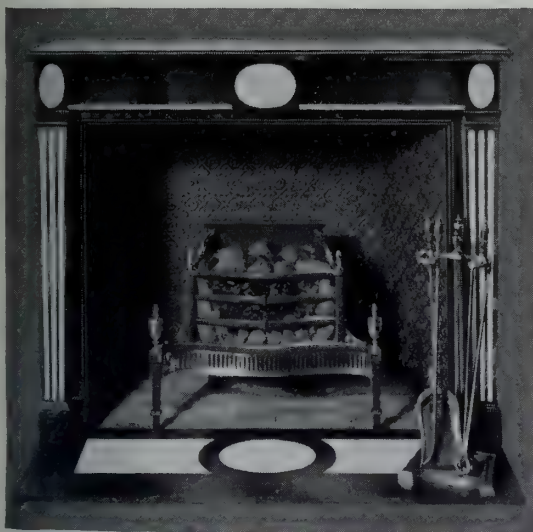


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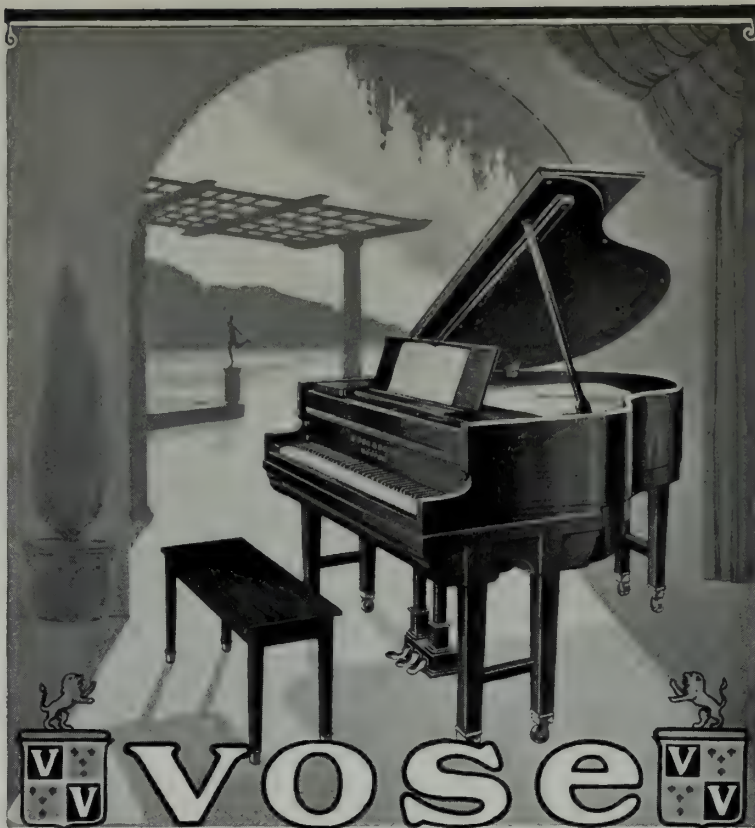
MANTELS

FOR THE SMALL ROOM

ABOVE is shown a mantel especially appropriate and distinctive for the small room. It is representative of the variety of artistic and original designs in mantels, fire-places, andirons and fenders to be seen at the Wm. H. Jackson Company's showrooms.

If a personal visit is inconvenient, we shall be pleased to send you photographs and descriptive matter. *Correspondence is invited.*

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A wealth of hand-made reproductions are on display at our showrooms, where you can make retail purchases charged to your dealer or decorator.



*Even real boys
enjoy washing hands and
faces at this lavatory*



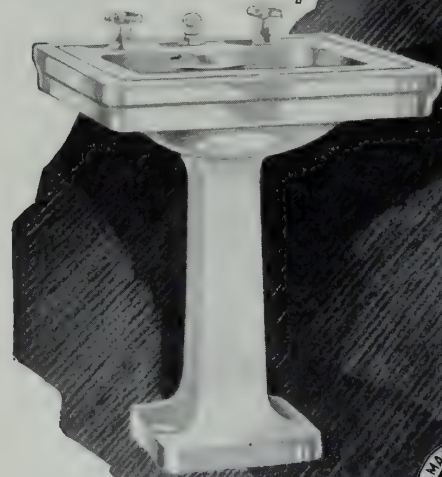
MOST folks, of all ages, prefer washing their hands in running water. The single concealed inlet of the Madbury lavatory provides a centered stream of water of any desired temperature.

A unique device permits automatic cleaning of the overflow drain. The large, square bowl has an anti-splash rim which protects one's garments and prevents slopping over.

As this lavatory is made of solid, white vitreous china, even to the last handle, there is no nickel work to require constant polishing.

You are invited to write for our booklet "Mad-dock Bathrooms." This booklet gives suggestions for placing different combinations of fixtures in spaces of various sizes and shapes.

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*Why
vitreous
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A vitreous china lavatory has this great advantage—it does not require constant scouring to keep the bowl clean. This is because the surface is hard and glassy. Soil does not cling to it. It does not become roughened by use. It never cracks nor crazes. Even acids will not stain it.

THOMAS MADDOCK'S SONS



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MADDOCK
Bathroom Equipment

Your plumber knows the economy of quality fixtures

A SHELF OF HOUSE & GARDEN BOOKS

(Continued from page 134)

TINKERING WITH TOOLS, by Henry H. Saylor. Little, Brown & Co.

In "Tinkering With Tools" Henry H. Saylor has given us a book which every "handy man around the house" (and woman, too, for that matter) will eagerly welcome. For many it will terminate that period of too obviously amateurish repairs, refittings and installations which has made the home carpenter and mechanic a butt for the comic cartoonists from time immemorial. In the terse vernacular of the day, it takes the Tink out of Tinker.

To the writing of this valuably practical book Mr. Saylor brings an actual tool experience of many years as well as a clarity of expression whose importance cannot be overestimated. As a home craftsman he ranks among the foremost in the country; as a former editor of *HOUSE & GARDEN* and the author of many books on house and garden subjects his work with words is no less well known. Combine these two elements of skill, and the result is sure to be worth while.

"Tinkering With Tools" makes no attempt to be professional, nor do the

equipments and methods record in it involve any more extensive lay than the small home workshops. The whole theory of the book is based on a few good, well chosen, well cared for and used. With these as a starting point the rest is a matter of sane application. "Do it yourself, do it right, fun in the doing" seems to be Saylor's motto.

The book is well arranged, devoid of any semblance of pedantry. After the preliminaries on workshop, supplies, and their care, the main classifications of their application follow in woodworking, wood joinery, and interior painting, varnishing, enameling, floor finishing, electric wiring, bell wiring, odd jobs, and (boon to many a householder!) an excellent section on sash and bibliography. Where necessary they are supplied by diagram drawings and a few half-tones.

Altogether a book which on the "Indispensable" shelf of man or woman who sometimes has occasion to hammer a nail or

HOUSING THE GARDEN TOOLS

(Continued from page 95)

These will accommodate several tools at once and are very efficient as savers of time and space. The smaller tools are hung on nails or spikes—and there is a shelf (sloping to be easily seen) for such tools as trowels, dibbles, and shears. In one toolhouse that I visited I found that instead of resting the tool on the shelf, there was a slot cut through the shelf to fit the tool, which was dropped into it. Against the back wall are three specially constructed racks to hold the picks, grubs, and axes. There is some space left on wall "D" for tools which may be acquired later.

The toolroom 5 contains the more bulky, and less used tools, the garden hose, and two iron barrels for large amounts of grass seed or spray material. Owing to the large amount of construction work being carried on some provision had to be made for the stakes which are used, and a special rack was built into one corner for them.

Since fertilizer has such a corrosive action on wood and iron, it seemed best to use wooden barrels for storing it because they can be so much more easily replaced than can wooden bins or iron barrels. Plenty of room is allowed for storing lime or humus in bags.

The workshop is designed so that it may be kept locked during the greater part of the time when the superintendent is not in it himself, thus making it something like an office for him. It is fitted with a stove so that it may be used the year-round. In the spring the gardener can work here in comfort preparing his seeds for the hotbed, as he has a plenteous supply of soil, and

a revolving table upon which the soil bin has cement vats to a height of four feet, a filling door on the outside (N), and a door which opens into the work shop. The door is in two sections, the bottom sliding up and down, but the top being hinged so that it may be left open in the winter to keep the soil from freezing. Shelves could be put in to carry the "flats" used in starting plants. The coal-bin can be filled from the outside.

The comfort of the workshop is taken care of by the installation of toilet in one corner of the building. This has an outside door which opens when the shop is locked. A shower is provided, as are soap and towels. A small window, hinged to the outside, provides light and ventilation. Each man is given a locker in which to keep his extra clothes and any valuables he may want to keep there. These lockers are made of oak boards painted green, and are provided with sturdy locks. The workshop is used by the men about during cold and inclement weather, insuring them a greater reward in the chance of sickness through cold meals in the open air.

To guarantee each tool its correct place a small label is pasted on the wall where it should occupy; thus, even if a man could not read the name printed under the hook where to hang their tools were brought in at night, the superintendent can tell at a glance what tools are missing, and can be at once instituted at the

(Continued on page 96)

Now... the Kelvin-et!



\$250

plus transportation from Detroit
—installed in your home

**Kelvinator and
Refrigerator
Complete**

**A refrigerator with Kelvinator
already installed—connect it to an
electric socket and it's ready for use**

Here, at last, is a Kelvinator at a popular price for the small home or the rented house or apartment. It is made in one unit, every part being enclosed in the refrigerator itself. When it is delivered we simply set it in place and "plug in" the electric connection as you would an electric washer or sewing machine. It is then ready to receive your foods.

If you move, it can be taken with you as readily as a piece of furniture. You can set it wherever you would set any refrigerator, for it requires no more space.

Although low in price—\$250—it gives every advantage of the larger Kelvinators. It requires no ice, and so relieves you of the annoyance of ice delivery. It maintains a temperature much colder than that of the ordinary ice box. The cold it maintains is dry cold, crisp and frosty, and the refrigerator stays free from moisture. It freezes cubes of ice for table use just like the bigger Kelvinators.

This new model makes it possible for every home to enjoy the advantages of the Zone of Kelvination in which foods keep fresh for many days. It will enable you to "crisp up" your green vegetables in the frosty atmosphere, to mellow your meats and to prepare scores of new and novel delicacies unknown to users of ice.

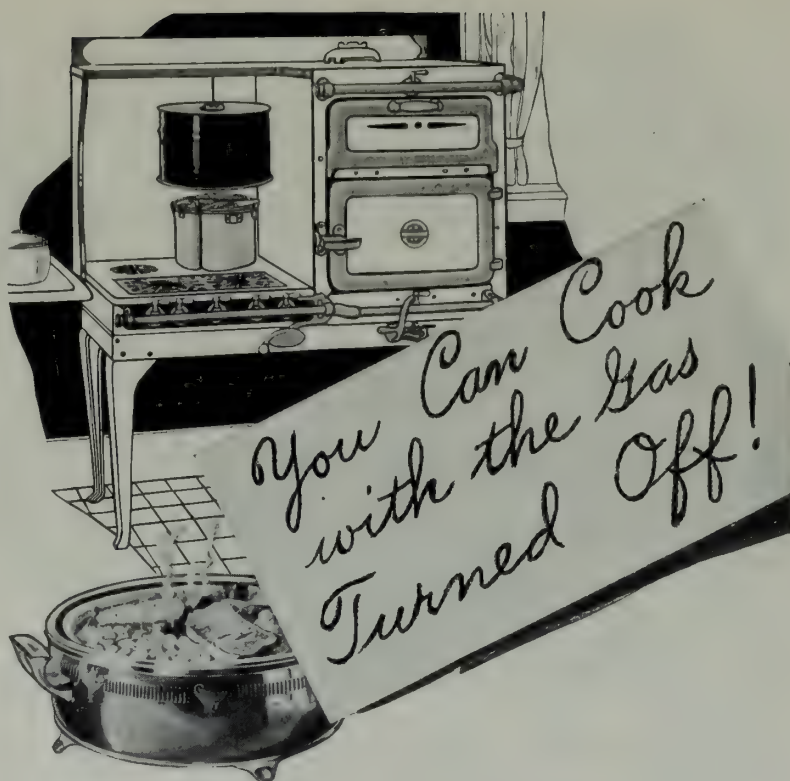
Its low price includes both the refrigerator and the Kelvinator for chilling it. It costs less to operate than you pay for ice. The food it saves will more than pay its initial cost.

Write us for the name of the Kelvinator dealer nearest you. He will gladly show you the new Kelvin-et and explain in detail its operation. "Kelvinator and Kelvinated Foods"—an illustrated descriptive booklet, will be mailed gladly on request. © K. C. 1924

KELVINATOR CORPORATION, 2053 WEST FORT STREET, DETROIT, MICH.
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Kelvinator

The Oldest Domestic Electric Refrigeration



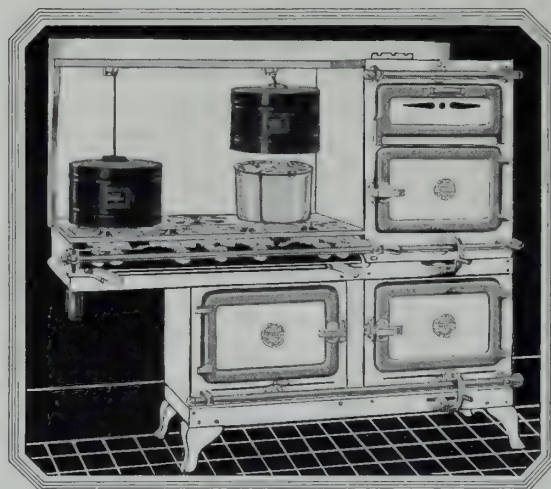
IN EVERY KITCHEN one of the beautiful Chambers Ranges has a place that cannot be filled in the same way by any other equipment. The patented Thermodome and Insulated Oven establish a new degree of efficiency in kitchen management. Their value is proved in daily service through these advantages:

- Gas Bills are Greatly Reduced
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Send for the booklet "Cook with the Gas Turned Off" and learn how you may cook Baked Beans with only 30 minutes of gas, a 5 lb. Ham with 25 minutes, and prunes with 10 minutes of gas.

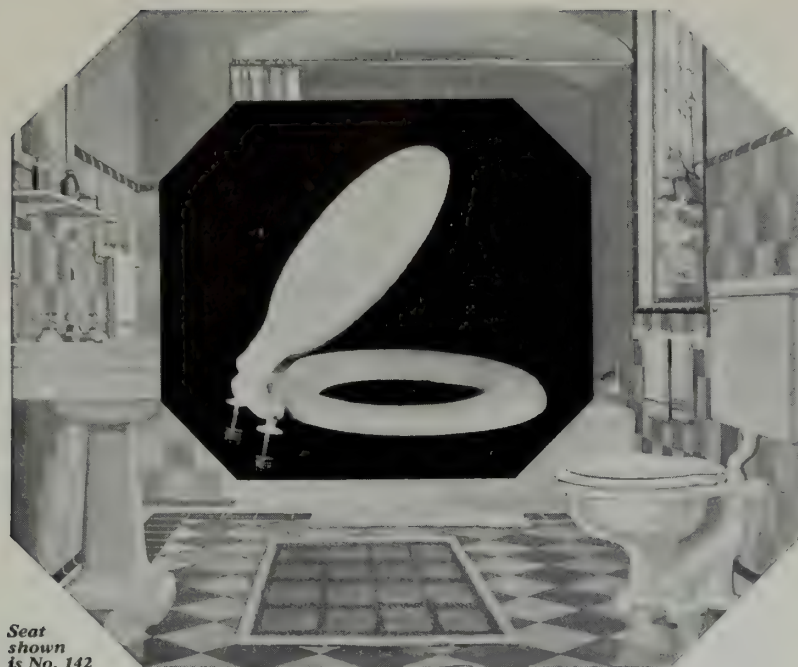
CHAMBERS MANUFACTURING COMPANY
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Chambers

**FIRELESS
Gas Range**

COOKS with the GAS TURNED OFF!



See your toilet seat as your guests see it

IF YOU were a guest in your own home, would you find the bathroom toilet seat above criticism? Try to see it as a guest would see it. Does it look immaculately white, clean and sanitary? Or does it look old, worn, unsightly and uninviting? Familiarity may be blinding you to imperfections which guests criticise, and which you would be as quick to criticise in another's home.

Thousands now have nicer bathrooms

THOUSANDS of people who have always wanted nicer bathrooms have found that they can easily have them, not by making the bathroom all over, but simply by installing a new Church all-white toilet seat.

The difference a spotlessly white toilet seat makes in the looks of the whole bathroom is certainly a pleasant surprise. Some women say, "looks hundred percent better"; some, "looks dozen times better"; and others, "now I am proud to have guests go into my bathroom."

Church Seats fit any bowl—installed in a few minutes

CHURCH Seats fit any bowl and can be installed easily in a few minutes. So easy that you can install one yourself, although any plumber will be glad to install it for you at small cost. If you move to another house or another apartment, the seat is easily taken with you.

The handsome white surface of Church Seats is a smooth, ivory-like sheathing, which won't wear off as paint is apt to do, and it won't crack, split, discolor, absorb moisture or retain odors. It is as easy to clean as porcelain and is perfectly sanitary. It is above the criticism of any guest.

Church Seats are on display at most plumbers and at plumbing jobbers' showrooms. Any plumber can supply you.

SEND FOR interesting sample of sani-white sheathing and circular describing most popular models of Church Seats. Cut the coupon now and send it today.

C. F. CHURCH MANUFACTURING CO.
Dept. A1 Holyoke, Mass. Established 1898

Church Seats

sani-white

Ready to wrap and take home in handy carton



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Gentlemen: Please send sample of Sani-White Sheathing and descriptive circular to:
Name.....
(Please write plainly)
Street.....
City..... State.....

HOUSING THE GARDEN TOO

(Continued from page 138)

recovered before it has a chance to become thoroughly rusted from lying out of doors. I predict that the expense of replacing tools lost or not properly taken care of will be practically nil if the superintendent carefully goes over each wall every night to see that everything is in place.

The outside finish of the toolhouse may vary according to its proximity to the house or the garden. I have

seen some that I took to be, at a glance, summerhouses—and I remember one that was built into a cliff. If one has a garden toolhouse located at any great distance from the present toolhouse it might be possible to construct a small building one of the features of the garden, thus have the tools handy to use during odd moments of the day, for a toolhouse need not by any means be a disgrace to the garden.

LIST OF TOOLS NEEDED ON THE AVERAGE COUNTRY PLACE

Name of tool	Room Location
*Power Lawnmower	1 Floor
*5-gallon Cans (Oil, Gasoline)	1 Shelf
*Oilcans, oilers, wrenches, etc.	1 Shelf
Wheelbarrows	2 Floor
Baskets (4-bushel)	2 Wall "A"
Edging knife	3 Wall B
Wheelhoe	3 Wall B
Shovels ("D"-handles, *Square, Round)	3 Wall B
Shovels (Long-handled, *Square, Round)	3 Wall B
Spades	3 Wall B
Forks (Digging, *Potato)	3 Wall B
Hoes (Garden, Scuffle)	3 Wall B
Sickles	3 Wall B
Picks, *grubs, axes,	3 Special Rack
Shears, (*Hedge, Long-handled pruning, Long-handled edging)	3 Wall C
*Scythe	3 Wall D
Forks (*Hay, Manure)	3 Wall D
*Sod Cutter	3 Wall D
*Sod Tamper	3 Floor
Pails	3 Floor
*Iron Bars	3 Floor
*Sledges	3 Floor
Trowels, dibbles, etc. pruning shears, sheepshears	3 Shelf
Rakes (Wooden, Iron)	3 Wall E
Brooms	3 Wall E
Pruning saw, hammer	3 Wall E
Garden line	3 Wall D
Hand pruning shears	4 Shelves under toolchest
Plant labels, etc.	4 Shelves under toolchest
Carpentry tools	4 Toolchest
*Paint, creosote, brushes	4 Shelves under toolchest
*Asparagus knife, thermometers	4 Toolchest
Tapeline	4 Toolchest
Seeds, (small packages)	4 Tincan on potshelf
Soil sieve	Potting-soil Bin On Wall
Poisons	4 Bins under workbench
Fire Extinguishers, (Pyrene)	4 Attached to toilet wall
*Extension-ladder, Stepladder	5 Wall G
*Fruit-picker, *Tree trimmer	5 Wall G
*Tank Spray Pump	5 Floor
Spraying Apparatus (Small sprayers, Hose, Nozzles, Etc.)	5 Wall F
Garden Hose	5 Wall F
*Grass catchers	5 Wall F
Hand Lawnmowers	5 Floor, along Wall F
Oilers, Screwdrivers, Wrenches	5 Corner of Wall F, near door
*Seed, (Large amounts)	5 Galvanized-iron Barrels
*Large Stakes	5 Rack along Wall of Coal
*Hose Reel	5 Floor
Planet Jr. (Seeder)	5 Floor
Lawn Roller	5 Floor
Market Baskets	5 Wall over Roller
Fertilizer, Humus, Lime, Etc.	6 Barrels, and bags on Floor





Typical of Luminier good taste is this Polychrome Finish bracket—one of an infinite variety on display at Luminier.



One of the very many fine Luminiers suitable for dining room illumination. Hundreds on display in our showroom.

Harmonious Light

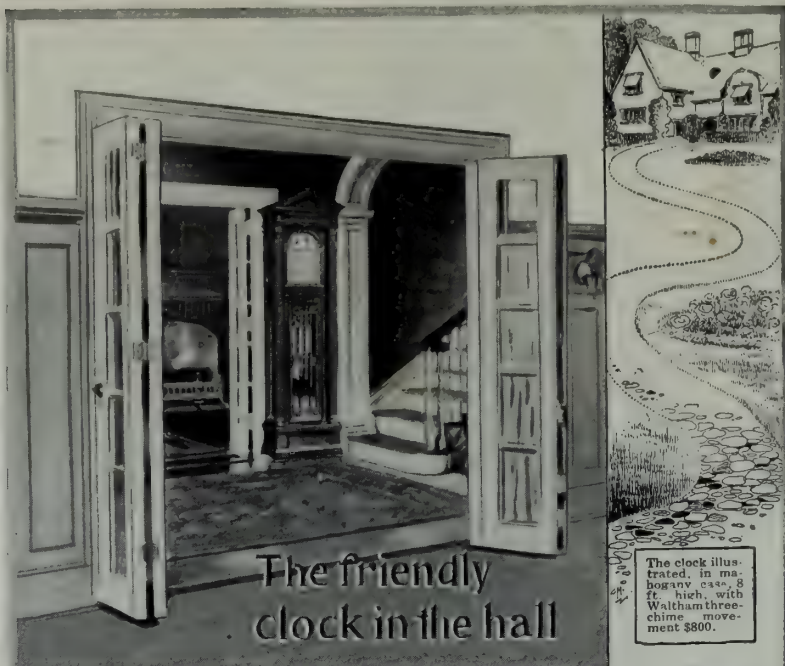
LUMINIER presents so wide a selection of correct lighting fixture designs that no matter what the decorative and color scheme of the room, you can select from our infinite variety the exact fixtures to give harmonious light at a price well within your appropriation. Let our specialists help you make a correct and economic selection.

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577 Broadway, New York
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The friendly clock in the hall

The clock illustrated, in mahogany case, 8 ft. high, with Waltham three-chime movement \$800.



Grandfather's Clock

It makes the crossing of your threshold a real homecoming. It welcomes your friends. It puts strangers at ease.

The rich tones of Westminster Chimes or the more simple cathedral strike fill the house with a living presence.

A floor clock is the wedding or anniversary gift supreme—one that becomes an heirloom.

Visit clock headquarters. We have big stocks of the most beautiful examples of the clock-maker's art—or we can design and build to your specifications.

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WM. H. ENHAUS & SON

Established 1897

26 John St., New York City



Bungalow Clock



The fascinating variety of Ottawa Dining Furniture permits the fullest expression of individual tastes and personalities. In selecting this charming suite of Spanish inspiration, one enjoys both the striking beauty of the design and the knowledge that the price is very moderate for furniture of such exceptional distinction. Ask to see this beautiful creation at your dealer's.

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38 styles—\$2.75 to \$40.00.

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You can obtain Cyclone Lawn Fence in many attractive styles—fabric and gates for erection on wood posts; or "Complete Fence" which includes steel posts, frame work and fittings.

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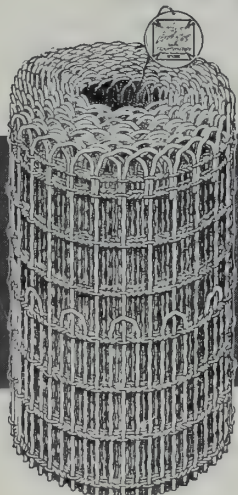
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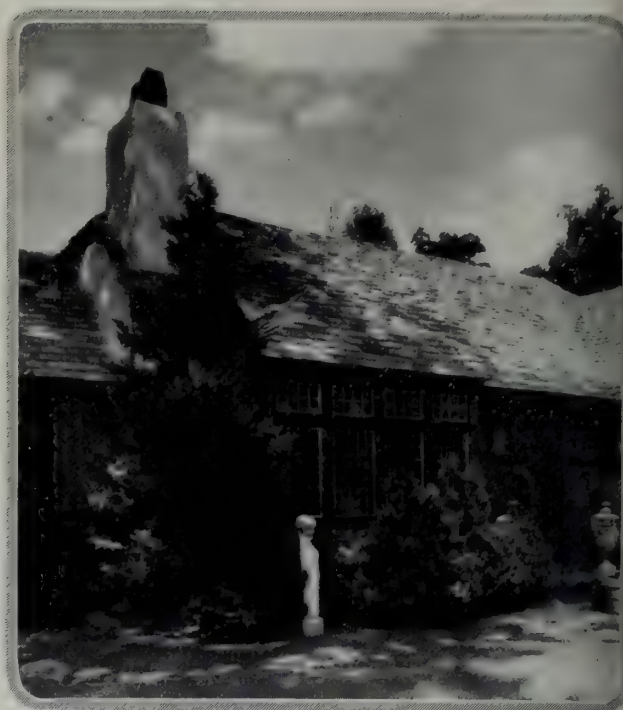
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Cyclone Lawn Fence and Gates



Cyclone Ornamental Lawn Fence is furnished in rolls, in standard heights—for erection on Wood Posts. Gates to match Fence.

Look for
The "Red Tag"
The Mark of
Quality



Reds, greens, purples, browns, grays and blacks can be had in slate, and when mingled without mechanical regularity the result is soft and rich

THE SLATE-COVERED ROOF

(Continued from page 85)

but they did have a rare feeling for what we call scale and for appropriateness.

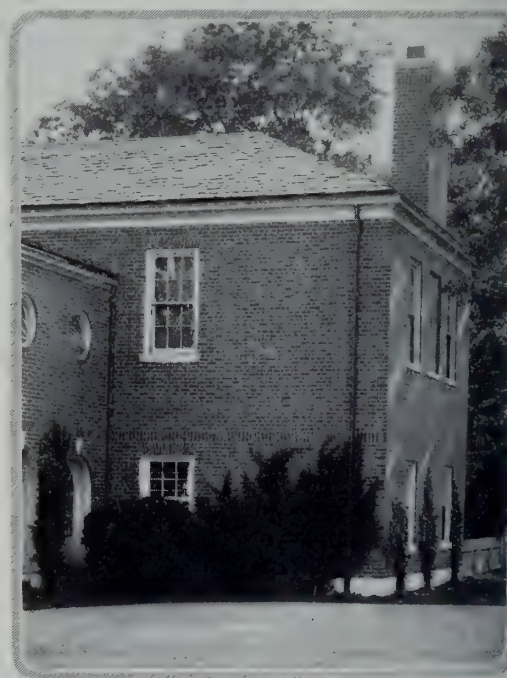
In this earlier work it was common to use the largest and heaviest material at the eaves where the wall was present to assist in sustaining a share of the weight from the thicker material. From the eaves on up the slope, the slates were reduced in size and finally the smallest and thinnest used at the crest.

Such of these old roofs as remain in place today are examples of a rarely sympathetic and understanding use of

a nearly natural material, and they also exemplify one of the outstanding characteristics of slate work—that Time acts as a great benefactor, softening the edges and coloring, and tying the whole surface together.

With the gradual decline of Gothic through the Tudor and into the Jacobean tradition, and with the growth of the English Renaissance with Inigo Jones, Christopher Wren and the ensuing Georgian period, the use of the earlier materials continued, but the elegant

(Continued on page 14)



The slate roof is at home on the Georgian or Colonial brick house. Here it is sufficiently thin to be in keeping with the delicate wooden cornice. Delano & Aldrich, architects



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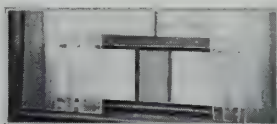
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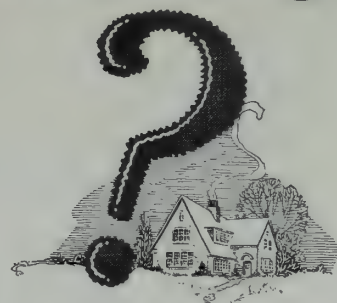
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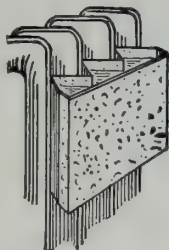
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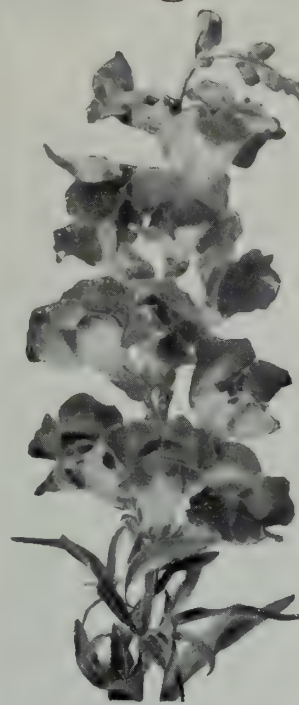
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New York City

THE SLATE-COVERED ROOF

(Continued from page 142)

design was disappearing, hipped roofs were becoming the thing. As the Georgian styles developed on toward the 19th century, the appearance of roof became of less and less importance as a visible and interesting feature of the design. For the flat and decked roofs, lead was used, and for the visible ones still indulged in, shingle tiles, and slates continued.

With the coming in of the Gothic Revival—to become known ultimately as "Victorian Gothic"—the gabled steep roof came back with its accompanying slate, but with what a change from the earlier Gothic usage! The material now was worked with every effort to secure a smooth shadowless effect, with the slates marshalled and lined up exactly, often with edges scalloped, and as a final beautifier's patterns, quite exact ones, were laid in, diamonds in scalloped slates being the favorite design.

In the United States, our slate deposits are located somewhat inland from the coast, and so were not opened up during our earliest Colonial period. Not yet manufacturing tile to any extent, and with slate quarries not opened up, our early roofs were done in shingles, but as the 18th Century progressed, slate came into use for the finer houses, especially in the districts lying down the coast from New York, in New Jersey, Delaware, Eastern Pennsylvania, Maryland and Virginia. For these districts, the slates were probably secured, from outlying surface deposits in parts of the country which now produce largely. For the lower tidewater there was the Buckingham County (Va.) field and for localities further North the Delaware Water Gap region, which is now so actively worked. When one visits old towns like Annapolis, Md. and Fredericksburg, Va. where much of the early building is extant, it comes as a surprise to find the almost universal use of the dark grey slates, on both masonry and frame houses. This early use was quiet and dignified with little effort at dressing up. The English habit of graduating in thickness and size was not followed—it was just plain, simple slate work, done with the idea of securing a durable non-burning roof covering.

FROM TIN TO SLATE

Tin became a great American institution in the 19th Century, and resulted in many unfortunately durable roof coverings, which are still with us on houses of the 60's, 70's and 80's. The use of slate increased, but, following the Victorian Gothic of England and the Second Empire "Mansard" from France, the result was hard and hideous and continued so until what might well be termed the "American Gothic Revival" came in.

With this American Gothic Revival, beginning some twenty-five years ago, came the building of some of our universities in close feeling with the monastic work of the middle ages, and churches, and finally residences came to be designed in the spirit of the older work, freely enough by the most original of our designers, archeologically by the lesser spirits. The ensuing

study of the old Gothic work in England and France finally resulted in renewed appreciation of the roof, an important feature of the design, in texture and in coloring. This American Revival progressed came more and more into use, and much study and experimentation ensued.

The slate roof with varying textures and color has now been used for a decade or two, and comes to be highly regarded. Excesses of creeping in, however, for some more recent slate roofs have reached the extreme of roughness, and resemble in the extent and turpitude of their surfaces, a shale slide down a mountain side. This excess is almost as nearly as bad as the slate work of the 1880's, but at least it is not monotonous.

KEEPING SLATE IN SCALE

Slates should be scaled to the surface covered, and particularly to the materials of the walls. Rugged masonry in the walls, conveying a sense of thickness and weight, will stand a roof of heavy slate with thick edges and wide exposures of the eaves, and as the slope is mountainous, increasing in size and thickness.

If the walls appear light in texture, or are fine in texture, the unduly heavy slate covering becomes overproportioned and obviously done for effect, securing only a bad result. The walls appear about to crumble, and the tons of slate above to slide down to the ground.

Slate is a heavy material. When laid with the usual standard thickness of 3 inches, in the 1½ inch stock thickness, a 10 ft. by 10 ft. square weighs from 600 to 700 lbs. Increase this thickness by four or five times, as happens when thick eaves slates are used, and it is easy to realize that for light walls, anything but the thinner material is out of proportion.

The idea has become current that only thick and weighty slates give a desired play of light and shadow on the roof surface, but this is faulty. Thin slates, stock thickness of 3 inches, may be used with great success, but a moderate proportion of thicker material, say up to 5/8 inch stock, through in no fixed order. This method breaks the monotony of the surface: As the eye travels across the courses, the edge shadow changes in depth from slate to slate, and there are no accurate lines of dark and light, of equal width, running across the roof surface. The scattered thickness also brings in the side shadow which affords still further play in face. There are further ways of securing interest and even the thick slates may be foregone in the name of economy, without sacrificing the possibility of an interesting roof. The horizontal lines of the courses may be broken by now and then stepping the slates out of line, and again by slipping in a "Dutchman"—an extra slip—ped in and nearly hidden by the course above. By these methods are many others known to the craft, the ideal slate surface is secured. In the we have throughout the roof a new

(Continued on page 14)



Do You Know Evergreens?

DO YOU know the many beautiful colors and shapes obtainable in Evergreens? Our 1925 catalog contains 76 pages and nearly 100 illustrations—24 of them in full color. The descriptions are complete and authentic. It gives information regarding color, shape, size and best uses of the different varieties.

HILL'S EVERGREENS

Evergreens are the living notes which help to make homes of the houses. How much of its charm the home shown here owes to Evergreens!

Hundreds of the country's finest estates, public parks and magnificent boulevards, as well as the thousands of homes of all classes enjoy Hill's Evergreens. Select your Evergreens the same as you choose the other choice things for your home—Specify Hill's Evergreens.

Write for catalog today. SEND 25 CENTS IN STAMPS OR COIN, which will be refunded on your order.

THE D. HILL NURSERY COMPANY, 301 Cedar St., Dundee, Ill.

Evergreen Specialists

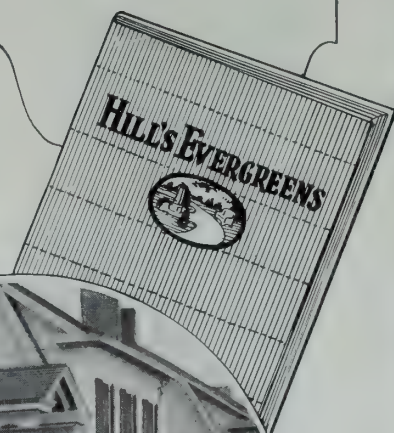
ESTABLISHED 1855

Largest Growers in America

Specify Hill's Evergreens when consulting with your local Nurseryman, Florist or Landscape Architect. Write for dealer's name in your locality.



President of an institution which has supplied beautiful Evergreen trees to planters for nearly 70 years.



"The most helpful rose book"

so writes
one of our
long-time
customers



The new "Guide" has 100 pages, 18 in full color. It gives the "inside story" of how we know, as never before, which are America's 100 best roses. It describes and pictures roses truthfully. Get the "Guide" and do some easy-chair rose-growing right now!

THIS new "Star Guide to Good Roses" contains more first-hand usable information about the right kind of roses **for you to grow** than we've ever found in any other similar work!

It's a "Star Guide" in every sense of the word. It describes America's 100 best roses—scientifically selected, now that our exclusive new Index is complete. It lists the most beautiful, the most universally popular roses in America today.

The "Guide" tells how unerringly to select the five best roses, or the seven best roses, or the ten best roses, or whatever number you want. It describes the best red roses, and pink roses, and yellow roses, and white roses. It not only tells which ones are best, but **why**. It describes bush roses and climbing roses; it describes fragrant roses and all the rest—truthfully, conservatively, fully.

Send today for your copy of the 1925 "Star Guide to Good Roses". It's FREE!

THE CONARD-PYLE CO.

Formerly Conard & Jones Co.

★ **Star Rose Growers** ★
Robert Pyle, Pres Box 126 West Grove, Pa.

The name is changed

Our corporate name has been changed; the personnel hasn't. The same fine service that you have always enjoyed from this organization is thus yours for 1925, and also for the years to come.

THE SLATE-COVERED ROOF

(Continued from page 146)

work of varying shadows enclosing surfaces which change from slate to slate in shape and size.

All of these variations from regular and accurate laying in place must be done with restraint, however, if the result is to escape the appearance of a conscious effort toward the picturesque. When the effort is obvious the result becomes "arty" and offensive.

The handling of colored slates offers great possibilities for effect. Our very important Vermont deposits give us fine soft greens and purples, while our Pennsylvania and Virginia districts run to the so-called blacks, and grays. Some of these slates weather with exposure to the air. If this weathering is taken into consideration when the color arrangement is worked out, it can be used to a great advantage. Weathering has often the value of

softly toning down the colors and giving the appearance of age. In colored slates, it is well to learn accurately just how the colors under consideration will react with exposure to the elements. If practicable, the material should be looked up and laid upon a roof which has been in place for some years.

With the growing demand for fireproof permanent covering for homes, and with an insistent desire at the same time for a beautiful material, beautiful in color as well as in surface, it seems likely that the use of slate will continue to increase greatly. It is possible too, that further slate deposits may be located and opened up, for there may be a wider distribution of slate formations than have previously been made commercially active.

AN IDEAL SMALLER GARDEN

(Continued from page 65)

and very small trees are used towards the background. The plants here are given numerals corresponding to their

positions on the plan. Wherever possible plants are used which are suitable to all climates in the country.

PLANT LIST

- | | |
|-------------------------------------|---------------------------|
| (1) <i>Abelia grandiflora</i> | Glossy Abelia |
| <i>Cotoneaster horizontalis</i> | Rock Cotoneaster |
| <i>Hypericum moserianum</i> | Gold flower |
| (2) <i>Abelia grandiflora</i> | Glossy Abelia |
| <i>Symphoricarpos racemosus</i> | Snowberry |
| <i>Kerria japonica</i> | Kerria |
| <i>Cotoneaster horizontalis</i> | Rock Cotoneaster |
| (3) <i>Magnolia</i> | Magnolia |
| (4) <i>Berberis thunbergi</i> | Japanese Barberry |
| <i>Berberis thunbergi</i> | Japanese Barberry |
| (5) <i>Cotoneaster horizontalis</i> | Rock Cotoneaster |
| (6) <i>Crataegus cordata</i> | Washington Thorn |
| (7) <i>Crataegus cordata</i> | Washington Thorn |
| (8) <i>Euonymus japonicus</i> | Evergreen Bittersweet |
| (9) <i>Euonymus japonicus</i> | Evergreen Bittersweet |
| (10) <i>Euonymus japonicus</i> | Evergreen Bittersweet |
| <i>Berberis thunbergi</i> | Japanese Barberry |
| (11) <i>Kerria japonica</i> | Kerria |
| <i>Abelia grandiflora</i> | Glossy Abelia |
| <i>Azalea nudica</i> | Indian Azalea |
| (12) <i>Berberis thunbergi</i> | Japanese Barberry |
| (13) <i>Berberis thunbergi</i> | Japanese Barberry |
| (14-25) | |
| <i>Coreopsis tinctoria</i> | Tickseed |
| <i>Gallardia grandiflora</i> | Blanket Flower |
| <i>Lilium Henryi</i> | Yellow Lily |
| <i>Phlox drummondii</i> | Drummond Phlox |
| <i>Viola</i> vars. | Horned Violets in variety |
| <i>Yucca filamentosa</i> | Adam's Needle |
| Petunias | |
| Gladioli | |
| Zinnias | |
| <i>Papaver orientalis</i> | Oriental Poppy |
| <i>Gypsophila paniculata</i> | Baby's Breath |
| (26) <i>Ligustrum ovalifolium</i> | California Privet |
| (27) <i>Ligustrum ovalifolium</i> | California Privet |





Diener's Gladioli

Order gladioli now for spring planting. The gladiolus is the king of flowers and the easiest to raise.

A collection of 12 of our named varieties made up especially for readers of *HOUSE AND GARDEN* will be shipped on receipt of three dollars. This exceptionally choice collection, offered at this extremely low price, will make a valued addition to any garden.

Bulbs are carefully packed and separately labeled.

Write for Our Free Catalog

Our 1925 catalog will be mailed at the request of every reader of *HOUSE AND GARDEN* when mention-

"Field of Diener's Gladioli"

ing this magazine. It is a work of art, beautifully illustrated in natural colors, and contains valuable cultural directions.

Our catalog fully describes our 1925 novelties of gladioli, petunias, and dahlias, as well as many other of our originations.

Write for your copy now.

**RICHARD DIENER
COMPANY, Inc.**

*"Originators and growers of the world's
finest and largest gladioli and petunias"*

**Kentfield, Marin County,
California, U. S. A.**

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Catalogs



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ROSES

SPRING PLANTING

An illustrated, complete list of Roses that we shall have for Spring Planting, will be ready to mail in February. Many beautiful Roses are illustrated in color, among them, Rev. F. Page-Roberts, Star of Persia and other new and unusually attractive varieties. This list of Roses is without a doubt the most complete and unique ever published. We have several hundred thousand rose plants ready to ship to any part of the country where Roses can be planted at this time. Your choice can be made from our Illustrated Rose Catalog which will be mailed to you on request.

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A complete catalog of Hardy Perennials, Old Fashioned Flowers and Rock Garden Plants. Beautifully illustrated in color and black. It contains an alphabetical table of Hardy Herbaceous Plants indicating Flowering Period, Height and Color. It includes special lists of Irises and Peonies.

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In your request for catalog, it is important to state definitely what you intend to plant

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BOBBINK & ATKINS

RUTHERFORD, N. J.

An Old-Time Favorite in Improved Form

Here at Wayside, freezing weather has come and gone and still we can see, peeping through fast disappearing batches of snow, the bright faces of

Viola Cornuta

It's a wonderful bloomer, starting as soon as snow melts in March and keeping at it until hard winter prescribes a short rest period in January. We have it in *Light Blue, Dark Purple, Yellow, White, Mauve and Blue with White markings.*

It is far superior to the old-fashioned Pansies because of its persistent blooming through the entire year; dry, hot weather does not affect it. Cold and rain seems to make it more persistent, perfectly hardy and of brilliant colors.

Prices: Any shade—Doz., \$ 1.50; 100, \$10.00
250, 22.50; 1000, 75.00

Ready for delivery April first; please mail your order now. You need not remit unless you want to.

Catalogue offering the greatest collection of Hardy Perennials, gladly mailed free upon request.



The Wayside Gardens Co.
Largest Growers of Hardy Plants in America
Mentor, Ohio.
J. H. Schultz, Pres. J. J. Grullemans, Sec. Treas.



Gladioli from Elliott



A Special Selection for Fine Gardens—1925

Out of the hundreds of beautiful Gladioli, new and old, that we test and grow every year, we pick the following as the cream of all for 1925 planting.

All are vigorous and easy to grow. Some of them are as yet very rare but until April 1—not later—we can offer them at special prices.

Alice Tiplady. Rich bronzy orange with satin sheen.

Anna Eberius. A sensational California origination. Exquisite rhodamine purple with deep pansy throat blotch.

Evelyn Kirtland. Tall spikes and gigantic flowers. Lustrous rose pink with scarlet tongue.

Flora. The newest and largest pure golden yellow.

Herada. Immense blooms of clearest orchid mauve. Tall and vigorous.

Mary Pickford. Lovely creamy white, brightened by a flush of canary yellow in the throat.

Mrs. Dr. Norton. True apple blossom effect, white shading to pink at the tips of the petals. Extra for cutting.

Reverend Ewbank. Brand new and absolutely unique. True porcelain blue of large size.

White Giant. Immense pure white flowers like Easter Lilies.

SPECIAL { 3 extra-large bulbs of each variety, 27 in all } **\$3.75**

or, for the small plot, 1 of each (9 bulbs) for \$1.30;
12 of each (108 bulbs) for \$14.00.

(Stocks are limited; deduct special 5% discount for prompt orders)

FREE Many other named sorts as well as Elliott's famous XXX mixture of Gladiolus bulbs for extensive plantings, are described in Elliott's Spring Garden Book of new things in seeds and bulbs, and Special Nursery Catalog of plants, shrubs and vines. Full of helpful suggestions for garden and landscape. Write for them today.

ELLIOTT NURSERY COMPANY
512 Magee Building Pittsburgh, Pa.



A small ramping easily grown *Campanula (muralis)* bearing many purple flowers during the spring and sparingly until frost. From Mr. Lowen's garden

WHAT IS A ROCK PLANT?

(Continued from page 79)

We might take as an example of the perfect rock plant the true alpine. This vivid creature is the product of its peculiar environment; of austere living in high places where long, snow-blanketed winters and short, blazing summers are the rule; where its roots must thrust deeply through stony detritus or insinuate themselves between narrow fissures in search of sustenance; where moisture in spring is plentiful and unfailing, and winds are ruthless and compelling. From these exigencies has developed a type of plant possessing definite characteristics and marked personality. Briefly it may be described as of dwarf stature, often not exceeding two or three inches; of compact habit, either tufted, rosetted, or mat-making, its leaves small, close-set, often hairy, leathery or succulent, and in the majority evergreen, or evergrey; with flowers, clear and brilliant in color and large for the size of the plant they adorn, prodigally borne over a short season—though sometimes giving a second blossoming in the autumn. Besides these definite characteristics, all friends of alpine plants are familiar with their peculiar clean-cut sparkling brilliance of aspect, their amusing self-sufficiency, and their delight in growing and blossoming so plainly evinced that no one can behold it without experiencing a thrill. I have known

many an otherwise garden-proof person to stand entranced before a wil- blossoming plant of *Dianthus g- lectus* or *Campanula garganica*— whole occupying a space that could be covered by a breakfast plate—the most superlative language of e- light and admiration.

Campanula garganica from the rocky sections of Italy, is a typical rock plant. It accomplishes in the a veritable explosion of blue rs, beneath which its modest green is quite lost. *Androsace chumbyi*, from the Himalayas is also typical, with advancing gray rosettes and mad pink umbrellas held a few inches above the foliage. Neither plant is taller than three inches. The May Saxifrage illustrated forms two cushions of emerald verdure that are literally obliterated in May by a living forest of slender stems being large, brilliantly white blossoms. *Sedum pulchellum* is a beautiful perennial that inhabits limestone ridges in Virginia and Kentucky and is an ornament to any rock garden.

These plants illustrate the type of plant which, to insure the best results, should for the most part inhabit our rock gardens. And this is the type which thrives apace and appears happy and at home in surrounding rock and ledge and rugged corners.

(Continued on page 154)



Saxifrage is- ifolia, the Com- royal of in. A han me form of Saxi- fr e. Likesom ch- ness in the gravelly il



Evergreens are the Life of the Landscape

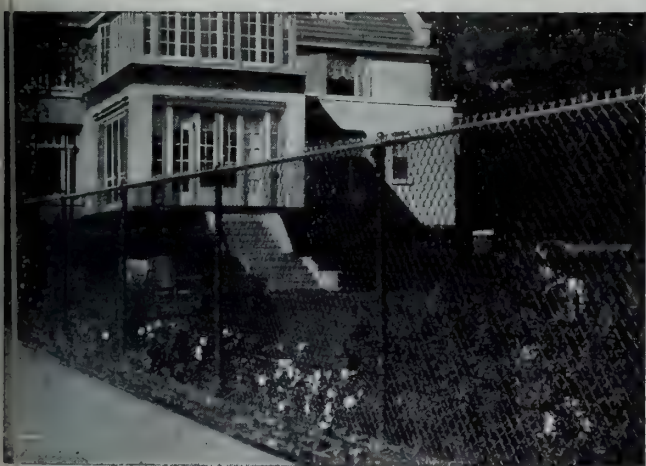
Evergreens smile the year 'round. They are the life of the landscape in winter and the spice of it in summer. The beauty and usefulness of

Hicks' "Time-Saving" Evergreens

is continuous. If used as a screen, they screen all the year; they give privacy all the time. As a windbreak they restrict the wind as completely in winter as in summer. Hicks' "Time-Saving" Evergreens are ready to plant now. Winter planting is as successful as in spring and fall. May we send you more information about them? You'll be interested.

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Box H, Westbury, L. I. New York



Lifetime Protection for Your Home and Property

Order it now—a Page Fence that will make your property yours—make your boundary line the turning point for every intruder—give you the security and seclusion that will encourage further development of your grounds.

The Super-Heavy Zinc Coat, added to other superiorities of Page Wire Link, makes it the lifetime fence of real protection—safeguarding your property at a cost of a few dollars a year. Write for the Page Fence Book and the name of the Page Fence man near you. No obligation. Address.

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PAGE

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A Garden Full of Gladioli for \$2.00



The Gladiolus is one of the most satisfactory flowers grown and there is no reason why every family cannot enjoy this grand flower—it is as easy to grow as the potato.

Bloom from July to frost if you plant a few each month from April to July.

For TWO DOLLARS we will send 50 Bulbs of our Grand Prize Mixture, which covers every conceivable shade in the Gladiolus kingdom.

Each year we sell thousands of these bulbs and have received numerous testimonials as to their merits.

Order Your Bulbs Now so as to have them to plant when you begin making your garden.

Simple cultural directions in package

Mail this advertisement, or present at our store, with Check, Money Order, Cash or Stamps, and secure this splendid collection, sent prepaid to any point in the U. S. east of the Mississippi. For points West and Canada add 25c—(\$2.25)

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50th Anniversary

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will open to you visions of greater garden opportunities. Whether you aspire to grow in glowing Roses, fine big Dahlias, flowers from seeds or plants or a patch of tasty vegetables you'll find this 224 page book a thoroughly reliable guide to truly worth while varieties.

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While primarily the silent salesman of our business, it holds a wealth of reliable garden lore. For 87 years it has served as a factor in creating greater garden pleasures until nearly 200,000 critical garden makers look upon it as a trusted friend giving sound advice.

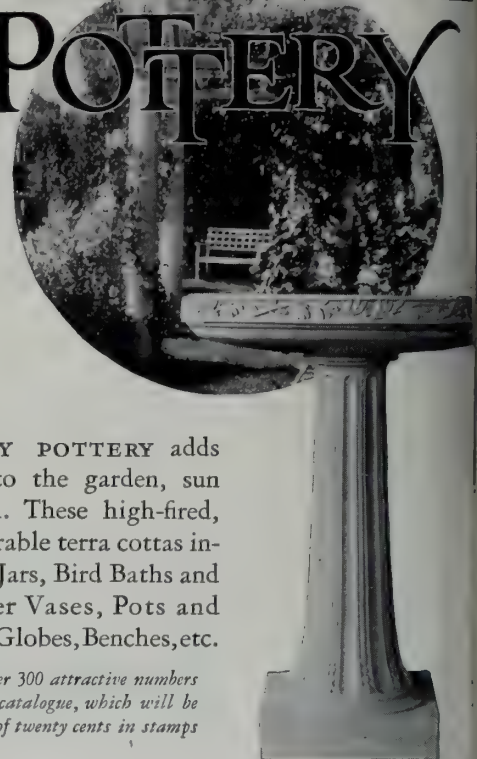
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ESTABLISHED
1810



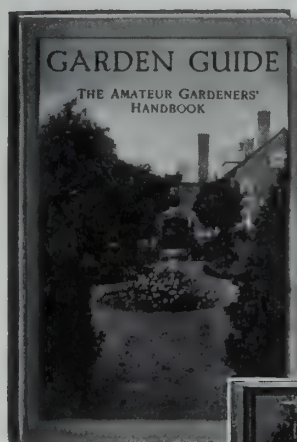
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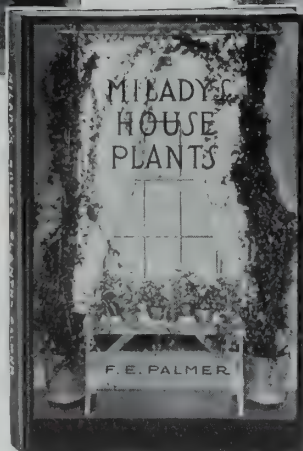
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Thoroughly Practical and Reliable



MILADY'S HOUSE PLANTS

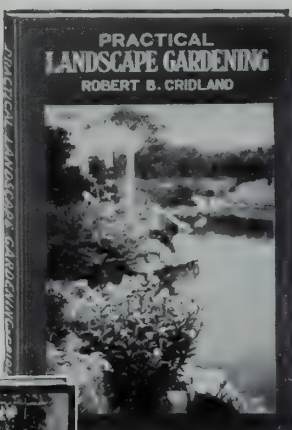
No book so complete and thorough as this on the successful care and culture of plants in the home. Profusely illustrated with 100 instructive pictures demonstrating the many operations in plant growing which wonderfully simplify that work. The author, F. E. Palmer, has had over 40 years experience in house plant culture. Paper, 80 cents; cloth, \$1.10, postpaid.



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The New Detachable Units Double Cutting Capacity

After cutting small areas, the gang units may be attached to increase the cutting width to more than twice its former capacity. These new gang units are made so that they may be quickly attached or detached to any Coldwell Model "L" now in service. We will be pleased to send detailed literature.

SINCE 1867
COLDWELL

DEPENDABLE LAWN MOWERS

Hand—Horse—Motor—Gang

COLDWELL LAWN MOWER CO., NEWBURGH, N. Y.

Keep your home supplied with choice cut flowers all summer for \$25.00



For twenty-five dollars we will send, prepaid, 250 choice, named gladiolus bulbs as follows:

20 Rose Ash	Ashes of Roses	Late
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20 E. J. Shaylor	Deep rose	medium
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20 Sidney Plummer	Yellow	medium
20 Le Marechal Foch	Light pink	early
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20 Mrs. Frank Pendleton	Blotched pink	medium

50 Extra choice mixed primulinus hybrids, made up of named varieties.

Planted in succession these gladioli will furnish flowers for your home all summer long. Gladioli are one of the most satisfactory and easily-grown of decorative flowers.

Each package is carefully packed, properly labeled, and will be

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CARL SALBACH, Grower and Originator of New Varieties

66 Hillegass Ave.

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Our 1925 Blue Book mailed free on request

H. Cotoneaster Horizontalis



A beautiful dwarf shrub for rockeries, border fronts, and lawn planting. 4-inch pot plants, 2 years old, \$1.00 each—\$9.00 for ten.

World's finest shrubs, plants, trees

STORRS & HARRISON varieties are the finest the world affords. They are selected and shipped as carefully as they are grown. The Cotoneaster Horizontalis featured above is best when obtained from pot-grown stock. It is one of the few evergreen foliaged shrubs producing red berries. It grows 3 to 4 feet high in a few years, but may be kept trimmed to the size desired. Order Horizontalis today, our stock is limited, and ask for the

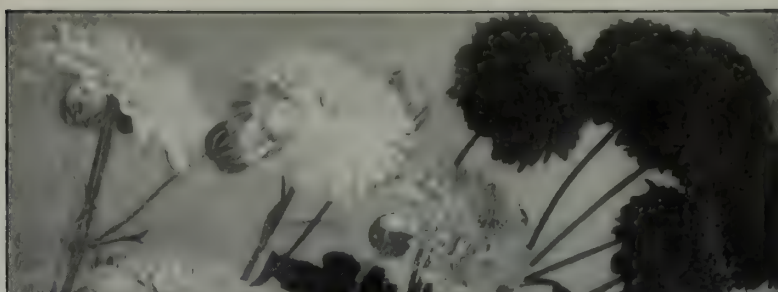
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THE STORRS & HARRISON CO.

Nurserymen and Seedsmen for 71 years

Painesville, Ohio



Three Exquisite Garden Flowers Astilbe, Anemone and Chrysanthemum

Astilbe, crowned in spring with feathery, conical spikes of white, pink, or rose; delightful effects. Sturdy 4-inch field-grown, potted plants ready to ship any time.

Anemones announce early fall, and continue to bloom until hard frosts. Tall, slender-stemmed, stately, glorious white or pink flowers intensified by a coronet of golden stamens. Robust, 3-inch, field-grown, potted plants.

Chrysanthemums close the garden year with white, pink, bronze and gold. Courageous flowers, defying Jack Frost until winter comes. We have only well rooted, strong field-grown plants.

Better Plants by Farr

Our catalogue, describes these and other selected perennials and shrubs you'll be proud to grow; all have been grown and proved before being admitted to Better Plants. It is free to House & Garden readers.



BERTRAND H. FARR

Wyomissing Nurseries Company

106 Garfield Ave., Wyomissing, Penna.

WAGNER FLOWERS

PLAN to make your grounds more beautiful this spring by planting Wagner hardy flowers, roses, shrubbery, evergreens, and ornamental trees.

Wagner stock has long been favored by flower lovers because of its vigor and full blooming qualities.

To make your grounds more harmonious, there is available Wagner Landscape Gardening Service. The broad principles of this service are to create a garden of originality and loveliness. Whether you have a modest suburban lot or an extensive estate, our garden experts can aid you. Plans submitted by mail or by a landscape expert.

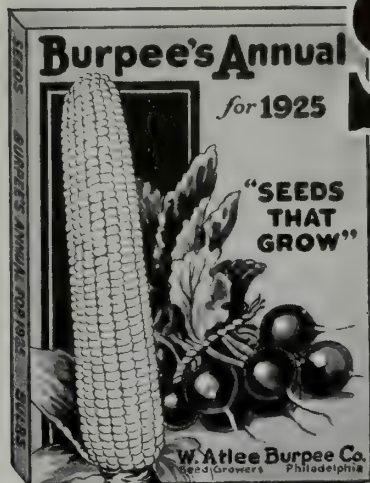
You'll find much of interest and value in our new catalogue. It tells of Wagner flowers and the Wagner Landscape Garden Service. There is a copy for you if you will write. Please ask for No. 387.

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"Wife and I started out way back in 1883 or thereabouts sending our first order for a small amount. Each year the whole family looks for Burpee's catalog. We discarded all other seeds years ago."

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Mrs. E. H. Lackie,
St. Johnsbury Center, Vt.

WHAT IS A ROCK PLAN

(Continued from page 150)

generally. But not by any means does the acceptance of this ideal confine our choice to true mountain plants. One finds the same characteristics, the compactness, the freshness, the clean-cut brilliance, and the unmistakable air of being a personage in the Primrose of the pasture, the Orchid of the bog, in many a small wanderer on desert or prairie.

And it is to accommodate all these types, and personalities, and nationalities that a rock garden is designed. Here among its miniature hills and valleys, indeed within a few square feet, may be grown an incredible number and variety of plants hailing from all parts of the world. And this, I think, is the very essence of the fascination of rock gardening. Certainly no other phase of the craft gives us the sense of so wide a kinship with nature.

MINIATURE LANDSCAPES

A well-designed rock garden may easily have within its restricted boundaries the following topographical features; rocky hillsides, narrow ledges, windy heights, plains, sheltered valleys, a small bog, a pool, perhaps a stream, sand dunes, a beach, a heath, a bit of woodland, and, if you like, an alpine pasture. In a word, a rock garden, even a small one, may be a veritable vest-pocket world. Nor is this the difficult and complicated business it sounds. Anyone with a clear picture in his mind of these features in Nature, and possessing a little taste and ingenuity can without difficulty conceive and construct the little landscape; and the rest is a matter of soil and exposure.

A number of plants that come rightly under the head of rock plants will grow in the ordinary soil of the garden. Of these are the common Arabis and golden Alyssum, hardy Candytuft, some dwarf Irises, Cerasium and many Violas. But it is to be hoped that no rock gardener will be satisfied to stop with these amiable old friends, but will push on until his acquaintance numbers many of the small royalties of the world. To accomplish this good end various soil mixtures must be supplied.

However, over a large portion of the construction a general soil mixture may be used. This must be light and free in character, readily pervious to moisture so that the dread danger of winter damp is eliminated, while yet a supply of drink is kept for the thirsty roots in summer, and it must be sufficiently nourishing. The following formula answers these requirements in a satisfactory manner, enabling the plants to withstand both drought and excess damp with equanimity and supplying a proper amount of nourishment.

It is surprising to find how many types of plants, many indeed that grow normally under quite other conditions, accept and thrive upon this unaccustomed diet.

- 1 part garden loam, free from clay
- 1 part clean white sand
- 1 part leaf-soil
- 1 part stone chips such as are used in top-dressing roads

All these elements must be and compounded thoroughly and filled in and bedded down among hills and valleys to a depth least a foot. You will then be to entertain a great variety sparkling Pinks and Poppies on mountains, wee silver-leaved niums and Erodiums, grey Androsace and moss-like Saxi small brilliant Primroses from heights, fragile Anemones and sand more delights that never, even in a full-bodied herbaceous order will you see hide nor hair of, gradually it will have to be learned that some plants require less sand and grit than others, that some relish a diet of almost pure leaf-soil, that others crave a dol of lime with their food, and that still others cannot abide it; that few gourmands delight in old fat manure—thus do many of the fastidious appearing Primroses—but for the most part manure has no place in the rock garden, nor has clay. Clay holds the sensitive roots in a cold and clammy embrace in winter and bakes in summer, and neither of these conditions will a proper rock plant suffer. Manure gives them a too rich and stimulating diet, which causes them to lose their engaging compactness and become leggy and without spirit.

A HEATH FOR SOME HEATH

Besides the areas provided with the general soil mixture, it is delightful to incorporate a number of other figures with soil to suit the plants that would naturally occupy them. Of these a little heath is easily made and productive of much charm and interest. Thereon may be housed the most riotous varieties and species of Heath and Ling (*Erica* and *Calluna*). The air is of a very special charm and if wisely chosen may be made among them the best choice will be in flower the greater part of the season. Here too will flourish shy and lovely Bird's-foot Vicia and intriguing *Iris verna*. The soil required is compounded of equal parts of peat and white sand, both of which may be had of nursery supplies by the bag or barrel. The situation the Heath should lie out in sunshine and preferably upon a westerly land slope. Various *Scillas* may be tucked in among the little bushes.

A dampish shaded corner should be dedicated to such royalties of the woods as the Pink Moccasin, the Trailing Arbutus, the charming bards, choice Trilliums, Shinners, dwarf Cornel, and the genuine Wintergreen. Examine the soil of New England or Adirondack where great Oaks and Evergreens abound, and provide as close of it as is possible. You will find white sand, rotted pine or needles, rotted wood from trees or old stumps, rotted oak leaves. This, well-mixed, makes a highly acid soil, and in it the beauties named will thrive like the proverbial out of it—in any other manner they will promptly die.

The soil for the meadow and (Continued on page 15)

Water Automatically

OR HAND CONTROL

WHEN water is turned off, Drainage Drum automatically opens

TREE experts say that trees often lose their vigor and beauty because they do not get sufficient moisture—they starve for want of water. With the Brooks Invisible Sprinkling System your grass, flowers and trees are automatically supplied with life-giving moisture in generous measure. Without the aid of human hands, the Brooks System goes into action at any desired time of day or night. The sprinkler heads rise from the ground as if by magic. Lawn, flowers, shrubs and all other foliage are bathed in a gentle mist-like spray—just "like a London Fog." Then, the water is automatically turned off—sprinkler heads drop back out of sight—the patented drainage drum automatically opens underground and all trees on your grounds are scientifically irrigated at the roots!

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Systems

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It is a luxury grass. It calls for constant care, five top dressings a year, frequent mowing. But for those willing and able to provide the needed care, it will repay as no other grass known. It makes a lawn like the lustrous oriental rugs that cover your polished floors.

Trampling feet do not hurt it. Terraces are held in place. Its close knit carpet chokes out weeds. Ever thicker it grows, each plant sending out runners which root themselves in the soil and become new plants. Its emerald hue delights the eye. Alien growth which would disturb the pattern is smothered out.

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Seed Store

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A fine lawn can be produced in one season. The supply of stolons is limited, but Vaughan's after several years have produced a supply of U. S. Government strains which can be sold for private use.

For \$30.00 we will sell you enough stolons of grass to plant 1,000 square feet. We will furnish complete directions, and guarantee delivery to you in the best growing condition. A letter giving further information about Creeping Bent stolons will be sent on request.

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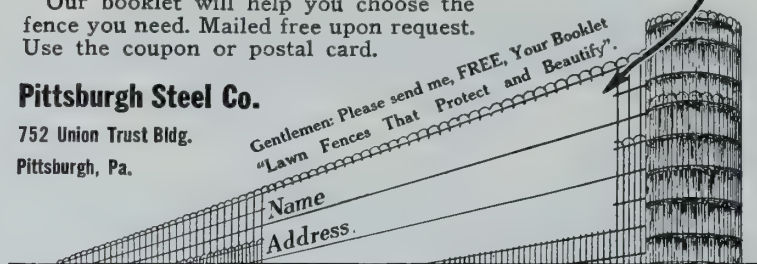
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Gentlemen: Please send me, FREE, Your Booklet
"Lawn Fences That Protect and Beautify".
Name _____
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WHAT IS A ROCK PLANT?

(Continued from page 154)

Primulas should be composed of sticky loam—that means a clayey loam—and well-rotted manure. For these dainty creatures—the Oxlip, the Cowslip, and the true Primrose, than which there are no more beautiful flowers, have not dainty appetites. They like a rich and heavy diet, a soil that holds them closely and retains an abundance of nourishment and moisture. Their table should be spread in a shaded, dampish, corner.

The plants in the sunny list will thrive for the most part in the general

soil the formula for which is given above. In this soil they will prove perfectly hardy. But it must be remembered that hardness is often much a matter of drainage as of temperature. In a perfectly drained soil many a plant will survive the harshest winter which would die in a time of excess moisture in a fat retentive border.

The plants in the second list will repay the consideration of soil rich in leaf mold and impregnated with sand, the kind found in rich woods.

ROCK PLANTS FOR A SUNNY GARDEN

(All marked with * may be easily raised from seed)

- | | |
|------------------------------------|------------------------------------|
| * <i>Armeria caespitosa</i> | * <i>Gypsophila cerastoides</i> |
| * <i>Achillea serbica</i> | <i>Gentiana acaulis</i> |
| * <i>Achillea tomentosum</i> | <i>Hypericum reptans</i> |
| <i>Adonis amurensis</i> | * <i>Helianthemum</i> in variety |
| <i>Adonis vernalis</i> | * <i>Iberis gibraltaria</i> |
| * <i>Aethionema persica</i> | <i>Iris gracilipes</i> |
| * <i>Aethionema Warley Hybrid</i> | <i>Iris arenaria</i> |
| * <i>Allium cyanium</i> | <i>Iris pumila</i> <i>coerulea</i> |
| * <i>Allysum citrinum</i> | <i>Iris cristata</i> |
| * <i>Alyssum montanum</i> | * <i>Lichnis alpina</i> |
| <i>Androsace sarmentosum</i> | * <i>Linum alpinum</i> |
| <i>Androsace lanuginosum</i> | * <i>Linum salsoloides</i> |
| <i>Anemone pulsatilla</i> | * <i>Papaver alpinum</i> |
| * <i>Anthemis montana</i> | * <i>Papaver nudicaule</i> |
| * <i>Anthemis aizoon</i> | * <i>Papaver rupifragum</i> |
| * <i>Aquilegia flabellata nana</i> | <i>Phlox amoena</i> |
| * <i>Arabis alpina</i> | <i>Phlox subulata</i> G. F. Wilson |
| * <i>Arabis aubrietoides</i> | <i>Phlox Nelsoni</i> |
| * <i>Arenaria montana</i> | <i>Potentilla alba</i> |
| * <i>Aster alpinus</i> | <i>Potentilla verna nana</i> |
| * <i>Aster subcoeruleus</i> | * <i>Primula cortusoides</i> |
| * <i>Aubrietia</i> in variety | * <i>Primula denticulata</i> |
| * <i>Campanula garganica</i> | * <i>Primula frondosa</i> |
| * <i>Campanula muralis</i> | * <i>Saponaria ocymoides</i> |
| * <i>Campanula pusilla</i> | <i>Saxifrage McNabiana</i> |
| <i>Ceratostigma plumbaginoides</i> | <i>Saxifrage decipiens</i> |
| * <i>Dianthus caesius</i> | <i>Sedum dasyphyllum</i> |
| * <i>Dianthus alpinus</i> | <i>Sedum Sieboldii</i> |
| <i>Dianthus arenarius</i> | <i>Sempervivum arachnoidium</i> |
| * <i>Dianthus neglectus</i> | * <i>Silene alpestris</i> |
| * <i>Draba aizoon</i> | * <i>Silene Schafta</i> |
| * <i>Erinus alpinus</i> | * <i>Tunica Saxifraga</i> |
| * <i>Erodium cheilanthifolium</i> | <i>Thymus serpyllum albus</i> |
| * <i>Erodium macradenum</i> | <i>Veronica rupestris</i> |
| * <i>Erysimum pulchellum</i> | <i>Veronica rupestris</i> |
| * <i>Geranium cinereum</i> | <i>Viola bosniaca</i> |
| * <i>Geranium lancastriense</i> | <i>Viola gracilis</i> |
| * <i>Gypsophila repens</i> | |

ROCK PLANTS FOR A SHADED GARDEN

(The soil should be largely leaf mold)

- | | |
|---|-----------------------------------|
| <i>Allium Molly</i> | * <i>Myosotis sylvatica</i> |
| <i>Anemone hepatica</i> | <i>Omphalodes verna</i> |
| <i>Anemone canadensis</i> | <i>Phlox divaricata</i> |
| <i>Anemone sylvestris</i> | <i>Pulmonaria angustifolia</i> |
| * <i>Aquilegia canadensis</i> | <i>Polygonatum biflorum</i> |
| * <i>Arenaria balearica</i> | <i>Podophyllum peltatum</i> |
| <i>Asperula odorata</i> | * <i>Primula acaulis</i> |
| * <i>Campanula carpatica</i> | * <i>Primula acaulis coerulea</i> |
| * <i>Campanula rotundifolia</i> | * <i>Primula japonica</i> |
| <i>Cardamine pretensis</i> | * <i>Primula veris</i> |
| <i>Chimaphila maculata</i> | <i>Ramondia pyrenaica</i> |
| * <i>Corydalis lutea</i> | <i>Sanguinaria canadensis</i> |
| * <i>Corydalis cheilanthifolia</i> | <i>Soldanella alpina</i> |
| <i>Cypripedium parviflorum</i> | <i>Sedum ternatum</i> |
| <i>Dalibarda repens</i> | <i>Shortia galacifolia</i> |
| <i>Dicentra eximia</i> | <i>Silene pennsylvanica</i> |
| <i>Dicentra cucularia</i> | * <i>Silene virginica</i> |
| <i>Dodecatheon meadia</i> | <i>Thalictrum minus</i> |
| <i>Epimedium</i> (in Var.) | <i>Tiarella cordifolia</i> |
| <i>Funkia minor</i> | <i>Trillium grandiflorum</i> |
| <i>Houstonia coerulea</i> | <i>Trillium erectum</i> |
| <i>Mertensia virginica</i> | <i>Viola blanda</i> |
| <i>Mitchella repens</i> | <i>Viola canadensis</i> |
| <i>Mitella diphylla</i> | <i>Viola rotundifolia</i> |
| * <i>Myosotis palustris semperflorens</i> | <i>Vancouveria hexandra</i> |

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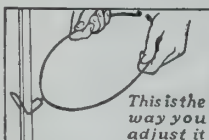
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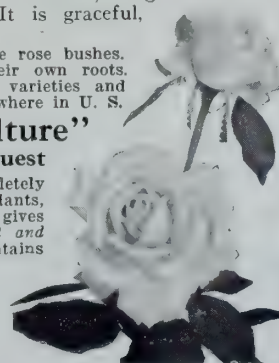
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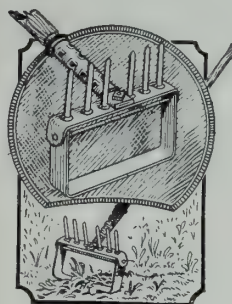
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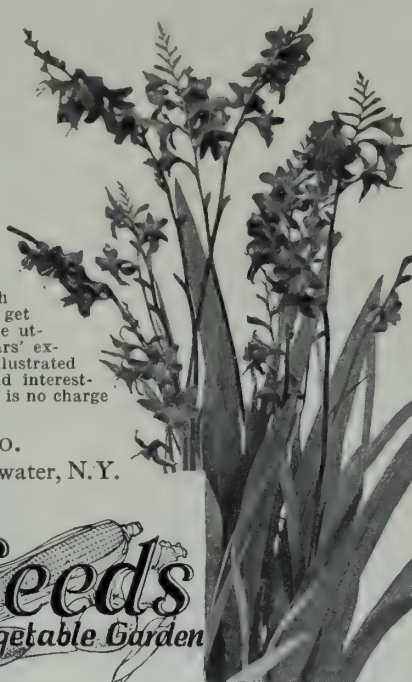
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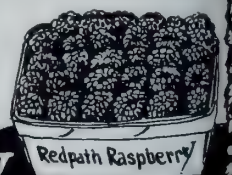
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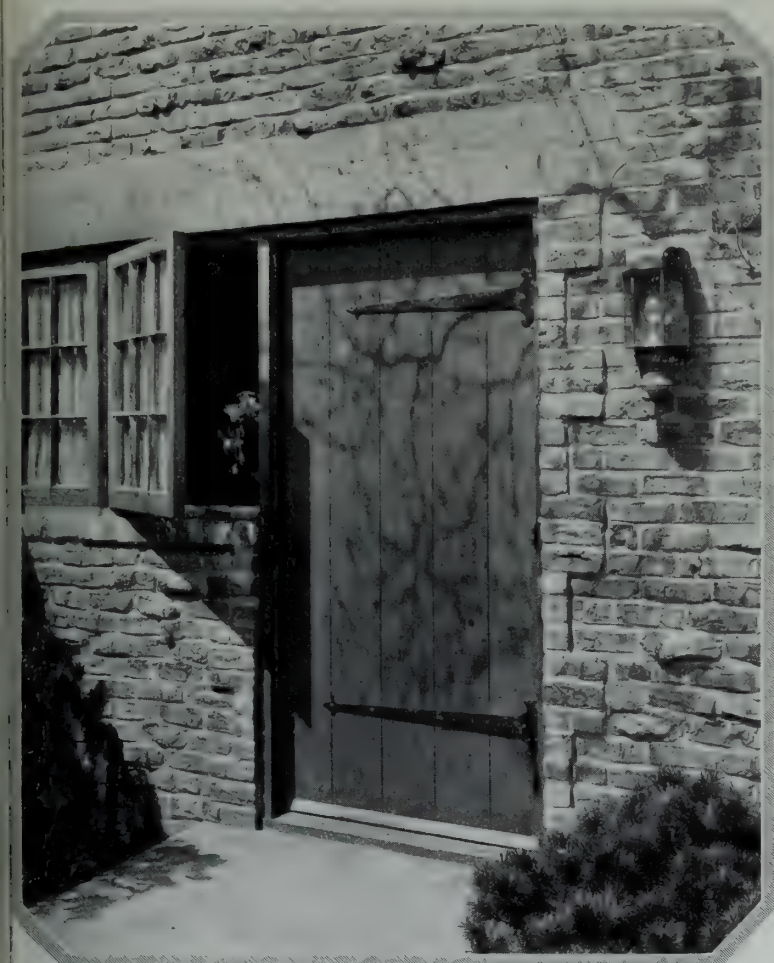
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HOUSE & GARDEN



March 1925 *Spring Gardening Guide*

The CONDE NAST PUBLICATIONS, INC.

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formed and used as an attractive floor of the home.

But performance is even more important than beauty. The revertible flues of the IDEAL Type A force the hot gases downward, press them against the flue walls and extract additional warmth which would otherwise be lost up the chimney.

The patented automatic regulation, water-surrounded ash-pit, and tight-fitting doors keep the fire always at the high point of efficiency; this saves needless steps to the basement and keeps the whole house at an even temperature.

Best of all, as Mr. Hart and many other architects have found, IDEAL Type A pays for itself in the fuel it saves.



Send today for our attractive book about the IDEAL Type A. In simple language it explains the technical superiorities which you ought to understand before buying a boiler — a lifetime investment.

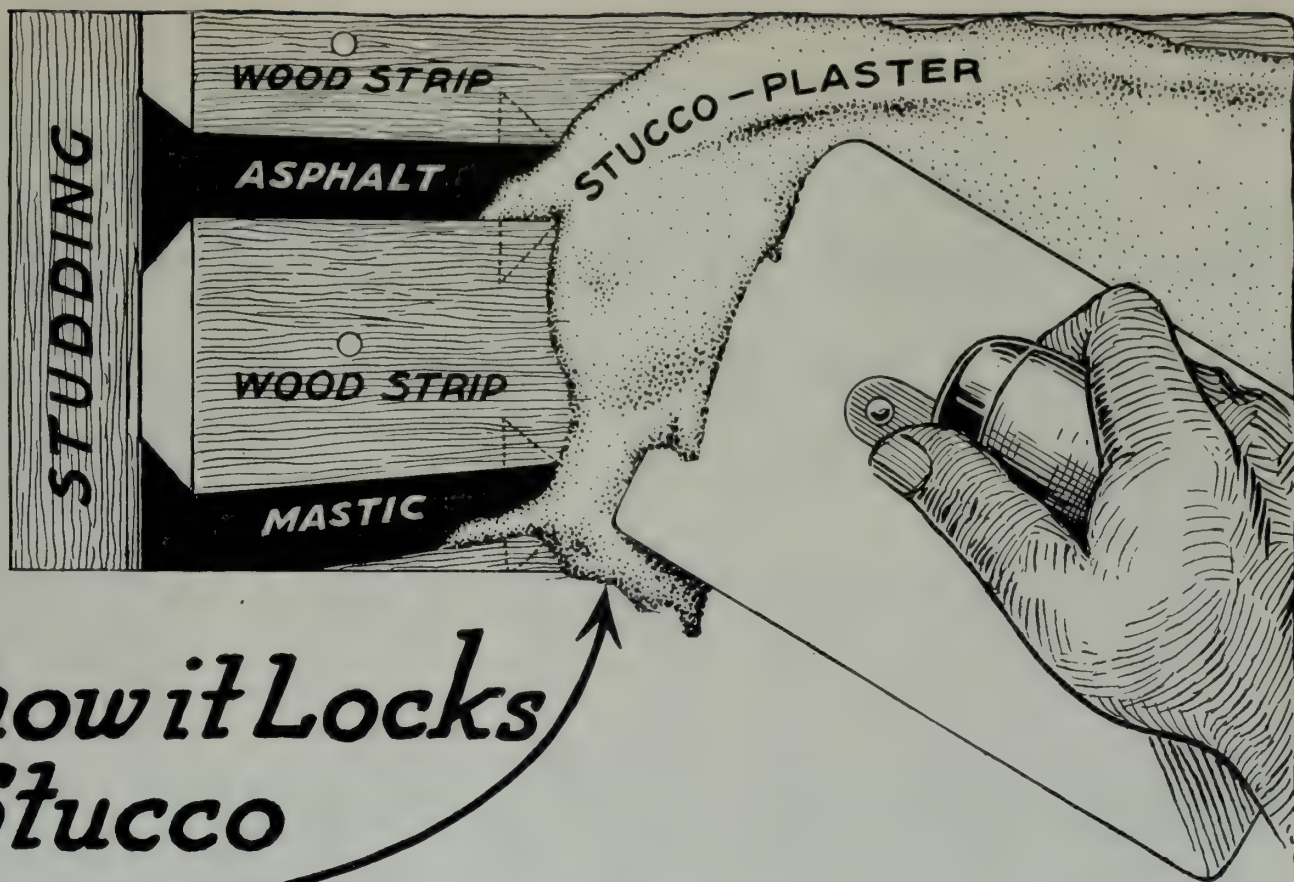
CORTO—The Radiator Classic; adds charm to the well appointed room, occupies 30% less space, and costs only a few cents a foot more than ordinary radiators.



For sale by the Heating and Plumbing Trade everywhere
AMERICAN RADIATOR COMPANY

Dept. 21, 1807 Elmwood Ave., Buffalo, N.Y. Sales Offices in all principal cities

As illustrated at the right, when stucco or plaster is mixed with water, it becomes plastic. It is then referred to as mortar. This mortar, by means of a trowel, is laid on over Bishopric Base, going over and in between the wood strips and locking into an inverted wedge clasp which holds forever.



See how it Locks the Stucco

BISHOPRIC BASE

For Exterior and Interior

Insures Beautiful, Durable Structures and Permanent Stucco and Plaster Walls

The stucco house, when built throughout of **Bishopric**, provides the utmost, within practicable limits, of strength, insulation, satisfaction and comfort. Stucco has always been recognized as the most beautiful finish for a home. There is a charm about stucco that is not found in any other material; it blends with shrubbery and woodland; it gives to the house a richness and dignity that make for lasting pride of possession. These facts apply to homes, large and small, to club houses, churches, schools, apartments, office buildings, factory buildings, barns, and all other classes of buildings.

What It Is—

Bishopric Stucco and Plaster Base is a combination of units. The background consists of heavy, tough, water-proof, durable fibreboard of finest quality. **Bishopric** special and exclusive patented process this fibreboard is given a heavy coat of Asphalt Mastic, whereby it is made tough, nonporous, pliable, and resistant against moisture, heat, cold, wind, air or sound; vermin and fire-resisting. In this thick layer of adhesive Asphalt Mastic carefully selected wood strips are bedded under great pressure.



Residence—Wm. C. Laiblin, Congress Lake, Ohio. Architect—Chas. E. Firestone, Canton, Ohio. Bishopric Stucco Base used on all exteriors

These combined units produce a base of great strength and rigidity, a shield which is impregnable against time and the elements—a lasting background for stucco or plaster.

Bishopric Stucco or Plaster Base saves 25 per cent or more on stucco or plaster materials, because: first, the dovetail key construction requires less stucco or plaster; second, the heavy fibreboard backing prevents stucco or plaster from going through and dropping down the spacing between the inner and outer walls. **Every other form of stucco or plaster background involves a considerable and unavoidable waste of materials and labor.**

What It Does—

Bishopric is designed to hold stucco and plaster wall intact forever. The dovetailed interlocking wood strips lock stucco and plaster in an inverted wedge clasp with a grip that holds for generations. When the stucco and plaster are applied, material and **Bishopric** weld into a single unit of strength and solidity.

Furthermore, stucco is the most inexpensive finish for a building. Economy is afforded from almost every angle. It never requires painting like frame construction, and there is no upkeep when the stucco is applied over **Bishopric**.

It is logical that stucco homes should be rapidly increasing in popularity in every section of the world. Little wonder that humble street and the magnificent boulevard alike are turning to this modern type of beautiful and permanent home.

While **Bishopric** was designed first for superiority, actual practice has demonstrated that a **Bishopric** built house costs decidedly less than stucco and frame houses built by other methods.

Strength to withstand the rigors of the most variable climate, beauty which cannot be surpassed—surely stucco over **Bishopric** offers the home builder all the advantages one desires.

Let us tell you about it, let us send you "**Bishopric for all Time and Clime**,"—Booklet containing facts and details on insulation, sound-deadening, damp proof construction. Illustrated with photographs of beautiful houses built with **Bishopric Stucco** plaster and sheathing units. This booklet is yours for the asking.

It is of great importance in the construction of the house of stucco to provide for the preservation of its beauty, its resistance against fire, vermin and decay, its insulation against change of temperature, and dampness. **Bishopric stucco and plaster base** in construction and in use, offers the possibilities of this insurance.

Bishopric is Sold by Dealers Everywhere

The BISHOPRIC MANUFACTURING CO.

711 ESTE AVE. CINCINNATI, OHIO

NEW YORK CITY

CINCINNATI

OTTAWA, CANADA

The BISHOPRIC MFG. CO. OF CALIFORNIA

LOS ANGELES

M "It's a Great Automobile!"

Your choice of three standard Marmon Closed Cars *at virtually open car price*

PRODUCING fine closed cars at virtually open car price, Marmon does not limit your selection to one type or attempt the impossible feat of standardizing beauty. Specifically, Marmon offers you

—a genuine, five-passenger Sedan, with four (4) doors, at only \$130 more than the open car

—a genuine, five-passenger Brougham-Coupe, with four (4) doors at only \$130 more than the open car

—a genuine, seven-passenger Sedan, with four (4) doors at only \$205 more than the open car.

These cars are not "coaches" and should not be confused with that justly popular type.

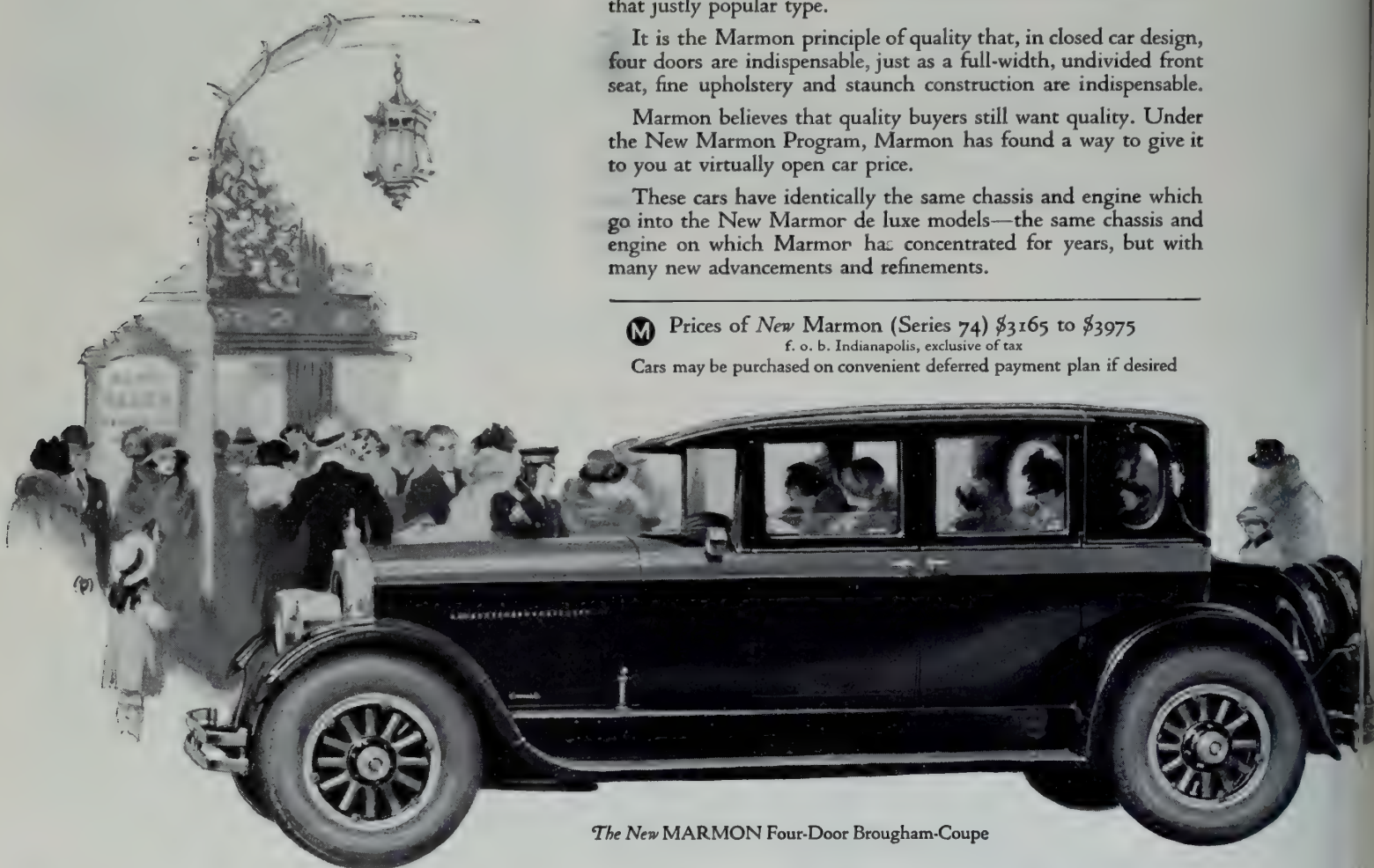
It is the Marmon principle of quality that, in closed car design, four doors are indispensable, just as a full-width, undivided front seat, fine upholstery and staunch construction are indispensable.

Marmon believes that quality buyers still want quality. Under the New Marmon Program, Marmon has found a way to give it to you at virtually open car price.

These cars have identically the same chassis and engine which go into the New Marmon de luxe models—the same chassis and engine on which Marmon has concentrated for years, but with many new advancements and refinements.

M Prices of New Marmon (Series 74) \$3165 to \$3975
f. o. b. Indianapolis, exclusive of tax

Cars may be purchased on convenient deferred payment plan if desired



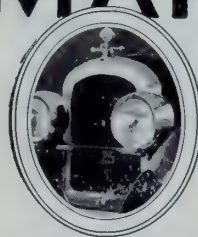
The New MARMON Four-Door Brougham-Coupe

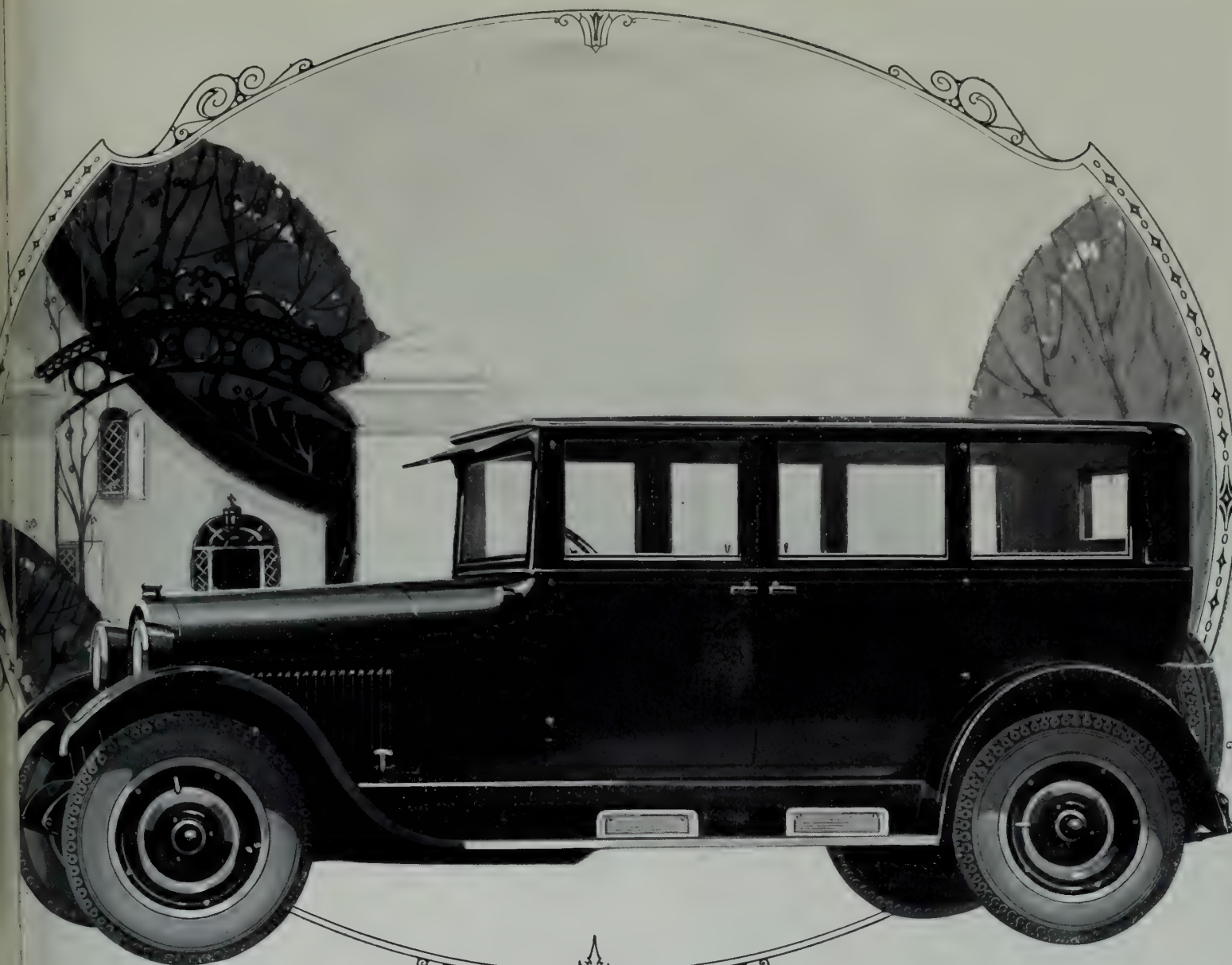
M

The NEW MARMON

Also~

A comprehensive selection of new de luxe body styles, permitting intimate expression of personal tastes.





\$1595

AT LANSING, PLUS TAX

20th Anniversary Reo Sedan

Combining full-size, four-door sedan convenience with the standard Reo T-6 chassis at the price of an open car

Standard Reo Chassis—120 inch wheelbase—same as in all other Reo passenger car models. Genuine balloon tires. Four wide doors. Full size sedan spaciousness. Finely upholstered. Low-hung body, smartly designed and richly finished. Double-frame construction. Six-cylinder 50 h. p. engine. A Reo entirety, produced to commemorate Reo's twenty years of business life.

Reo Motor Car Company Lansing, Mich.

REO

The Gold Standard of Values



Body by Pierce-Arrow

You cannot mistake a Pierce-Arrow for any other car Those who take pride in their motor cars value this distinction It is wrought into *Series 80* bodies by craftsmen who have devoted years in the Pierce-Arrow plant to the creation of fine coach work Each of the seven beautiful *Series 80* body types is now offered in a wide range of new colors and upholsteries

*Pierce-Arrow representatives are displaying the latest SERIES 80 body styles
Demonstrations are made at any time. A complete catalog will be sent upon request*

THE PIERCE-ARROW MOTOR CAR COMPANY, Buffalo, N. Y.

Financing arrangements are offered by the Pierce-Arrow Finance Corporation, a banking institution

PIERCE-ARROW

Series 80 ^{Runabout}
\$2895
at Buffalo-plus tax

BUILD THE NATION SECURELY WITH

INDIANA LIMESTONE

The Nation's Building Stone

Interesting Facts About
INDIANA LIMESTONE

Number Two

The quarrying of Indiana Limestone is a fascinating spectacle, where powerful hydraulic stripping machines rip off the top earth like autumn leaves before a gale; where channelling machines with mighty thrusts cut great grooves into the stone; where huge derricks, with apparent ease, lift enormous blocks of stone from the quarries. When operations are in full swing, the country-side around Bedford and Bloomington, Indiana, forms a stupendous stage on which thousands of visitors each year witness a thrilling display of engineering skill.

STONE walls bring to a home the charm of old forgotten far-off things—ivied castles of other days, and dim cathedrals in distant lands.

Like the stone used in these storied walls, Indiana Limestone will impart to *your* home the same old-time, elusive charm. Its mellow richness of coloring, its smoothness of texture, its rugged endurance will make of *your* home a citadel of beauty and strength that will live proudly through the years.

A Portfolio of designs of Indiana Limestone houses will be sent upon receipt of 50c. Address, Indiana Limestone Quarrymen's Association, Box 782, Bedford, Indiana.

Design No. 223. A charming moderate-priced home whose walls are faced with Variegated Indiana Limestone laid up as a random ashlar. A beautiful play of subdued color tones ranging from light gray to buff makes these walls distinctive.



parfums Caron

10 rue de la Paix Paris



LE TABAC BLOND
(Fair Tobacco)

NUIT de NOEL
(Christmas Eve)

LE NARCISSE NOIR
(Black Narcissus)

CARON CORPORATION, 389 FIFTH AVE, NEW YORK

A NEW JERSEY HOUSE

THE problem presented to Macy's decorators was to make a fixed budget of \$5,000 cover everything. The last Macy delivery wagon drove away just as the newly married couple arrived and found their home completely furnished.



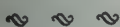
A NEW YORK CLUB LIBRARY

THIS is a room never entered by women. Macy's decorators gave it a thoroughly masculine atmosphere through the use of deep red curtains and portieres, harmonizing with Georgian furniture.



BANKER'S OFFICES

UNIFORM treatment was given to these offices by specially designed draperies for the directors' room, and window hangings and curtains for the main office.



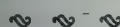
AN APARTMENT IN NEW YORK

COMPLETE treatment was given by Macy's decorators, including bedroom furniture, and all bedspreads, pillows and puffs; with draperies, furniture coverings and scarves throughout the other rooms.



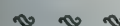
A HOTEL LOBBY IN NEW YORK

Each room was decorated with rugs, benches, chests, console tables, chairs. Window treatment consisted of draperies and curtains.



A STUDIO OVERLOOKING CENTRAL PARK

This attractive setting was made more pleasant still by draperies, curtains, and bedspreads.



ANOTHER NEW YORK APARTMENT

Like so many other patrons of Macy's furniture department, the occupant of this apartment came to buy some furniture, and remained to enlist the services of Macy's decorators in designing all window treatments, and in buying lampshades and slip covers.



INTERIOR DECORATING



You have two great advantages in Macy's successful Department of Interior Decorations... You will secure, first, the services of decorators who have had distinguished experience before Macy's opened this department. And second, you will have the advantage of Macy's lowest prices for the furnishings which you buy... It is a happy combination of high ability with lowest cost... The random examples printed on this page will surely suggest a way in which you can profit from this service.

R. H. Macy & Co.
34th ST. & BROADWAY Inc. NEW YORK CITY

A BANK IN CONNECTICUT

PRELIMINARY treatment for this new building included casement cloth curtains, designed in accordance with standards created by the new uptown branches of several of New York's principal banks.



A HOUSE ON LONG ISLAND

HERE, with no limitation upon expenses beyond a sensible thrift, Macy's decorators have designed and installed window draperies and shades, and have purchased most of the furniture, along with carpets and awnings.



RECEPTION HALL AND FOYER OF NEW APARTMENT HOUSE

BECAUSE apartment houses are judged, at least in part, by the appearance of their entrance halls, Macy's decorators gave this foyer a harmonious arrangement of wall hangings, mirrors, floor coverings, console table and chairs.



RESTAURANT IN ALBANY

THE principal charm of this room is found in the window draperies executed under the supervision of Macy's decorators; a detail which has an unconscious influence upon the pleasure of its guests.



A HOUSE IN NEW YORK

FINDING out a year ago that Macy's had established a department of interior decoration, the owner of this new house placed all serious details of its furnishing in the hands of Macy's staff, and accepted their advice on placing both old and new furniture.



A SCHOOL IN A SMALL TOWN ON LONG ISLAND

ATTRACTIVE stage curtains had to be purchased for a long expected student performance and Macy's interior decorating department was entrusted with the assignment.



Vladimir de Pachmann *loves* the Baldwin piano. Through the medium of Baldwin tone, this most lyric of contemporary pianists discovers complete revelation of his musical dreams. For a generation de Pachmann has played the Baldwin; on the concert stage and in his home. That loveliness and purity of tone which appeals to de Pachmann and to every exacting musician is found in all Baldwins; alike in the Concert Grand, in the smaller Grands, in the Uprights. The history of the Baldwin is the history of an ideal.

"... It cries when I feel like crying, it sings joyfully when I feel like singing. It responds—like a human being—to every mood. I love the Baldwin Piano."

V. de Pachmann.

Baldwin

A request by mail to the nearest Baldwin showrooms, as listed below, will bring you complete information regarding models and prices.

THE BALDWIN PIANO COMPANY

CINCINNATI

CHICAGO

NEW YORK

INDIANAPOLIS

LOUISVILLE

ST. LOUIS

DENVER

SAN FRANCISCO

D. LAS



Photo by Scandlin

The Charm of a Secretary

This well-designed secretary, by its beauty and grace of line, becomes the keynote of the room that combines comfort and charm. It is one of many fine copies of old secretaries in the *Lord & Taylor* collection that have all of the distinction of the earlier pieces.

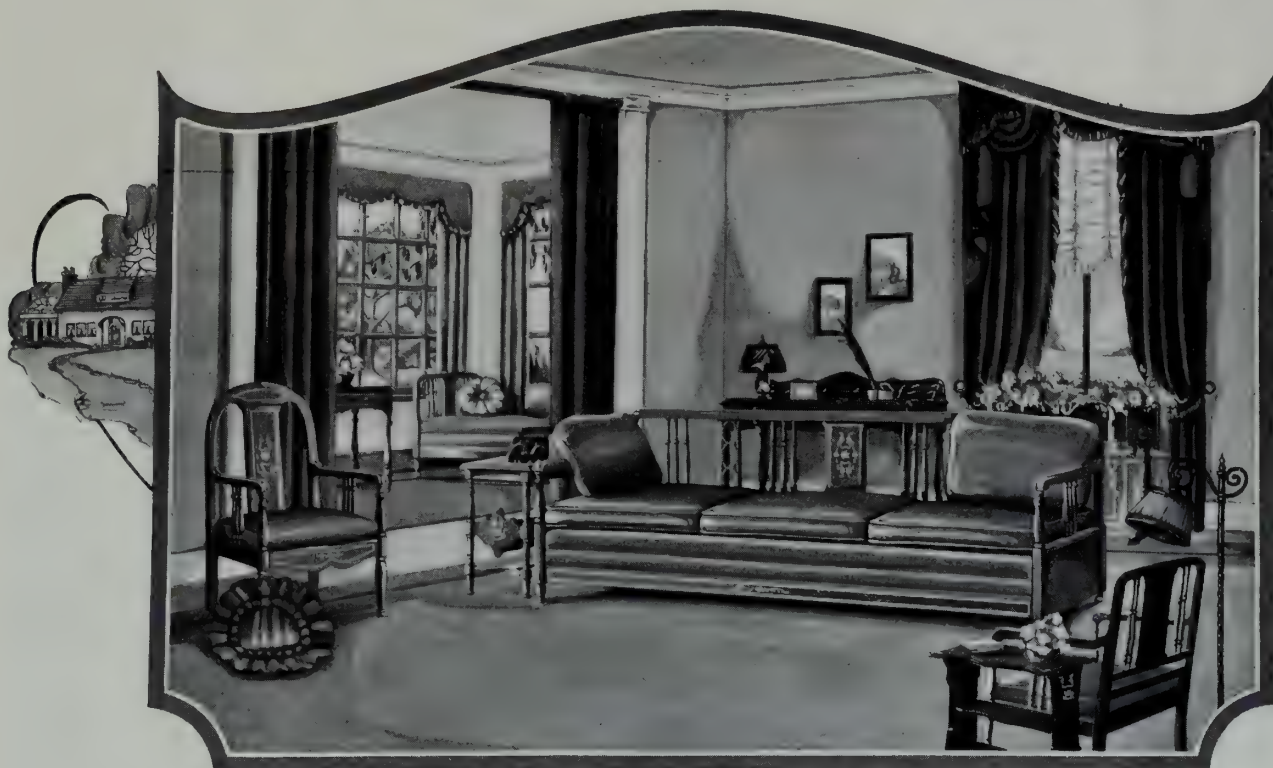
SIXTH FLOOR

Lord & Taylor

FIFTH AVENUE, NEW YORK

PULLMAN

DAVENPORT BED



Group No. 2637

Where the Spirit of Home Is Found

Colorful beauty plus satisfying comfort are the two features that identify the spirit of home with this Pullman-equipped living room.

These several pieces of furniture, each an example of rare design and master craftsmanship, are finished in tasteful two-tone enamel and hand-decorated.

Your local furniture dealer will show you the complete Pullman line of davenports and davenport bed suites, revolving-seat day beds and chaise longues, as well as the equally popular assembly of hand-decorated pieces. As illustrated in the above setting, this decorated group includes desks, consoles, gate leg, tilt top and davenport tables, book troughs, magazine racks and ferneries.

*We shall be glad to send at your request
an interesting booklet on interior decoration*

PULLMAN COUCH COMPANY

CHICAGO



ILLINOIS



The davenport bed, day bed and chaise longue illustrated are equipped with the Pullman revolving-seat bed fixture. Immediately above is shown a Pullman ready for night-time duty.

A single operation—a simple turning of the seat—has converted this beautiful piece of daytime furniture into a full size restful bed.

A yielding and restful sleeping surface with a regular bedspring and removable mattress is thus provided. This and the bedding are hidden within the davenport when not used as a bed.

Pullmans with chairs to match may be purchased either with or without the bed feature.

KENSINGTON FURNITURE

AWARDED GOLD MEDAL OF HONOR IN NATIVE INDUSTRIAL ART
39TH ANNUAL EXHIBITION ARCHITECTURAL LEAGUE OF NEW YORK
FEBRUARY 1, 1924



AMERICAN HEPPLEWHITE MAHOGANY SIDEBOARD, *by Kensington*

THE craftsmanship that produced our distinctive Colonial architecture is equally evident in the charming American Hepplewhite sideboard illustrated. It represents the highest development of American cabinet-making, and eloquently expresses the simple dignity and quiet charm we associate with the old New England home.

By cleverly recessing the cupboard and placing the hexagonal center legs so as to follow the smoothly flowing line of the body, the old craftsman secured the ample accommodation demanded

by our practical ancestors without sacrifice of grace or beauty of proportion, while the restrained and beautifully executed inlay-work gives a refinement and charm of color that delightfully complete the design.

Made by hand throughout of beautifully figured mahogany and finished in the rich warm tones of old wood to withstand both heat and dampness, this Kensington reproduction is comparable in beauty only with the best of old work, and for practical considerations it is decidedly preferable to the antique.

Kensington Furniture is made in all the decorative styles appropriate for American homes

The purchase of Kensington Furniture may be arranged through your decorator or furniture dealer


KENSINGTON MFG. COMPANY
MANUFACTURERS AND IMPORTERS
DECORATIVE FURNITURE ~ ART OBJECTS
NEW YORK

Write for illustrated Booklet H and pamphlet, "How Kensington Furniture May Be Purchased"

SHOWROOMS, 41 WEST 45TH STREET, SIXTH FLOOR



**CAPITOL BOILERS
UNITED STATES
RADIATORS**

INSTALLED BY
C.A. [illegible] CO.

Capitol

A Capitol Boiler and United States Radiators will increase the market value of any building. Real estate men have clearly established this fact in selling both new and old properties.

No one, of course, wants to experiment with so vital a matter as heating equipment. So the sensible man looks for elements of reliability and economy that he can *depend* upon, and finds them in the Capitol name plate.

Behind United States products there are thirty-five years of manufacturing experience, a nation-wide organization of heating specialists, and the broadest written guarantee in the industry.

As any architect or heating contractor will tell you, all of these are factors that you can *rely* upon. They mean positive and final assurance that you can buy no better boiler than a Capitol.

UNITED STATES RADIATOR CORPORATION

General Offices, Detroit, Michigan

Boilers

We shall be glad to send you an illustrated booklet which fully explains the modern idea in house heating.

Branch and Sales Offices

*Boston	*Cincinnati
*Springfield, Mass.	*Detroit
*Portland, Me.	*Chicago
*Providence, R. I.	*Milwaukee
New York	*Indianapolis
*Brooklyn	*Louisville
*Harrison, N. J.	*St. Paul
*Philadelphia	*St. Louis
*Baltimore	*Kansas City
Buffalo	*Des Moines
Pittsburgh	*Omaha
*Cleveland	*Denver
*Columbus	*Seattle
	*Portland, Ore.

*Warehouse stocks carried at points indicated by star.



When you build your home you start a voyage

Some facts to guide you

WHEN you build a home, you hope to discover satisfaction from the start. You expect to discover satisfaction every day and every year. The Lehigh Portland Cement Company holds out a principle as "chart and compass" to guide you

past all dangers to the permanent satisfaction you seek.

If you see tempting ways to lower the first cost—make certain you will not later spend more in annual repair bills.

How to get permanent satisfaction, whatever you build

[1] Get dependable materials

Reputation for dependability has made Lehigh Cement the best-selling cement in the world. Last year, contractors, engineers, architects and owners used over 68 million sacks. In buying building materials remember this point:

The dealer who insists on carrying Lehigh for you, often is so in the face of constant pressure to offer you the "best as good" brand. Is it not reasonable to expect a dealer of this type to protect your interests in other ways also by holding a line of thoroughly dependable materials? Let the blue-and-white Lehigh sign guide you to a reliable dealer.

[2] Get competent workmanship

Even with the best materials you can get poor results unless you secure competent workmanship.

A good contractor will save you money through skillful building economies. He will put quality both where it can be seen at the start and also where it will be noticed for its low repair expenses in the years to come.

A point to remember in choosing a contractor:

The contractor who insists on dependable materials is likely to hire competent help and to put skill and dependability into all that he does.

LEHIGH PORTLAND CEMENT COMPANY

ALLENTOWN, PA. BIRMINGHAM, ALA. CHICAGO, ILL. SPOKANE, WASH.
New York Buffalo Kansas City New Castle, Pa. Boston Philadelphia
Mason City, Iowa Omaha Pittsburgh Richmond Minneapolis



Look for this blue-and-white Lehigh sign, known from coast to coast, the mark of the reliable dealer. He sells permanent satisfaction.

Make Concrete of LEHIGH CEMENT for Permanent Satisfaction

- Alleys—to clean up eye-sores
- Barns—to save paint bills
- Benches and sun dials—for beauty
- Cellar floor—to keep dry, clean
- Cisterns—to keep water pure and soft
- Clothespoles—to prevent rot
- Cold-frames and Hot Beds—for early plants
- Drains—for permanent improvement
- Driveways—for appearance and low upkeep
- Farm buildings and improvements—(ask for our special farm book)
- Fence posts and rails—to save money
- Floors—for economy
- Footings—to save old buildings
- Foundations—for permanence
- Fountains—for attractive appearance
- Garages—for greater fire safety
- Garage floors—for highest utility
- Gate posts—to avoid repairs
- Gutters—for better drainage
- Homes—(ask for our special home book)
- Lamp and sign posts—for beauty and utility
- Pergolas—for ornamentation
- Porches and porch posts—for economy
- Poultry houses—for permanent, sanitary floors
- Remodeling—for charm, comfort, value
- Roof (tile) for beauty and low upkeep
- Sand boxes and wading pools—for clean, permanent playgrounds
- Septic tanks—to prevent sickness
- Sidewalks—to keep houses clean
- Stairs and steps—for permanence
- Stucco—for beauty and low upkeep
- Swimming pools—for clean swimming
- Tennis courts—for accuracy, dryness
- Tree surgery—to save good trees
- Urns and flower boxes—for decoration
- Walls—for permanent protection
- Watertanks—to protect water supplies
- Well covers, linings and platforms—for permanence and sanitation

FREE booklets!

If you want information on any of the above, check the subjects in which you are interested, sign your name and address, and mail to us or to your Lehigh dealer. You will receive, free of cost, our bulletins and booklets containing complete details.

Name.....

Address.....



Whether it be an unpretentious cottage or an impressive mansion, whether exposed to the heavy snows of the mountains or the moisture-laden air and windblown sand of the shore, spouting and roofing of Horse Head Zinc will protect it as long as the building lasts.

Zinc cannot rust. It need never be replaced. When your buildings are equipped with conductor pipes, gutter and roofing made from Horse Head

Zinc, you have installed the most economical of all permanent metals.

The New Jersey Zinc Company

Established 1848

Products Distributed by

The New Jersey Zinc Sales Company

(INCORPORATED)

NEW YORK • CHICAGO • PITTSBURGH • CLEVELAND • SAN FRANCISCO



The Great Jordan Line Eight Sedan

"Hartford-Saxony" Rugs

REGISTERED U.S. PATENT OFFICE

Made exclusively by the Bigelow-Hartford Carpet Company at their mills in Thompsonville, Conn.

The heir of a century's rich experience

THIS month the thirtieth President of the United States is being inaugurated. One hundred years ago, when John Quincy Adams, the sixth President, took his oath of office, the Bigelow-Hartford Carpet Company was born.

All of these hundred years pay tribute to every "Hartford-Saxony" rug we weave. No finer floor covering fabric ever has been produced in America. The art developed by a century's progress, the skill acquired by four generations' constant striving for perfection, the unrivalled reputation of this pioneer Company, all play their parts in making "Hartford-Saxony" rugs the highest modern development of rug-weaving.

As you step on a "Hartford-Saxony" rug you instantly become conscious that this is a very different kind of rug from any other you have ever known. It fears no wear; its soft pile and rich colorings give it a luxurious charm that makes its moderate price a source of wonder.

We make "Hartford-Saxony" rugs in twenty-eight stock sizes, from 22½ in. by 36 in. to 11 ft. 3 in. by 24 ft., and special sizes can be made to order. Most reputable dealers carry these rugs, but if you have any difficulty in procuring them our New York office will gladly see that you are supplied. The full line can be seen at any of our showrooms.

Write for our new illustrated booklet on "Hartford-Saxony" rugs.

LOOK FOR THE FULL NAME "HARTFORD-SAXONY"
WOVEN IN THE BACK OF THESE RUGS AS
A GUARANTEE OF QUALITY.

Bigelow-Hartford Carpet Company

ESTABLISHED 1825

NEW YORK
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385 Madison Avenue
14 E. Jackson Blvd.
99 Bedford Street

SAN FRANCISCO
PHILADELPHIA
DETROIT

770 Mission Street
1015 Chestnut Street
Book Building, Washington Blvd.

*The "Hartford-Saxony" rug illustrated below is
Pattern 1100
Color 6*



The most conspicuous spot in the room

—yet the easiest
to keep lovely

THE MOST conspicuous spot in the room—the windows, where the light comes in. And hence, decorators say, where the beauty of the room begins. To your windows, therefore, look for your motif, for the dominant note of your interior scheme. Plan there first for the loveliness you want your rooms to have.

Begin with the window shades—and choose with care. They can add so much to the effect you want.

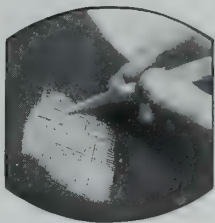
Window shades of lasting beauty
With your color scheme in mind, choose with care as to tint. And for lasting beauty, for window shades that will keep their loveliness, choose with care as to kind.

It is easy to keep your windows lovely with shades of durable Brenlin. Over years of enduring service they retain their fresh color and smooth finish.

Unlike ordinary shade cloth, Brenlin has no brittle filling of chalk or clay to leak and fall out, causing unsightly cracks and pinholes that show in glaring relief against the outdoor light.

Strong and flexible, much like finely-woven linen, Brenlin has weight and body enough to keep it always taught and smooth.

Brenlin resists the constant strain of rolling and unrolling, the jerking and snapping of the wind. Rain will not discolor it and it discolors shades of inferior quality. And its tints, applied by hand, resist fading in the sun. Brenlin wears two or three times as long as the ordinary shade, yet it costs only a few cents more. It may be had in soft,



Scratch a piece of ordinary window shade material lightly. Tiny particles of chalk or clay "filling" fall out. BRENLIN has no filling. It outwears several ordinary shades.

HAND MADE
Brenlin
the long-wearing
WINDOW SHADE material

rich colors to harmonize with every interior scheme. Brenlin Duplex, with a different color on each side, will blend with both interior and exterior. The name Brenlin is embossed or perforated on the edge of every Brenlin shade. *Be sure it's Brenlin when you buy.*

Mail coupon for valuable new booklet

We have prepared a new booklet, "Making the Windows Beautify Your Home," which you will find exceedingly interesting and helpful in planning your interior schemes. This book is generously illustrated with pictures in colors and contains scores of ideas that will help you secure the lovely effects you want in your home.



[[Beauty begins where the light comes in!]]

Written in collaboration with interior decorators, its subject matter is authoritative and correct. The coupon below will bring you this 25c book for 10c together with free samples of Brenlin in different colors. Address Cincinnati.

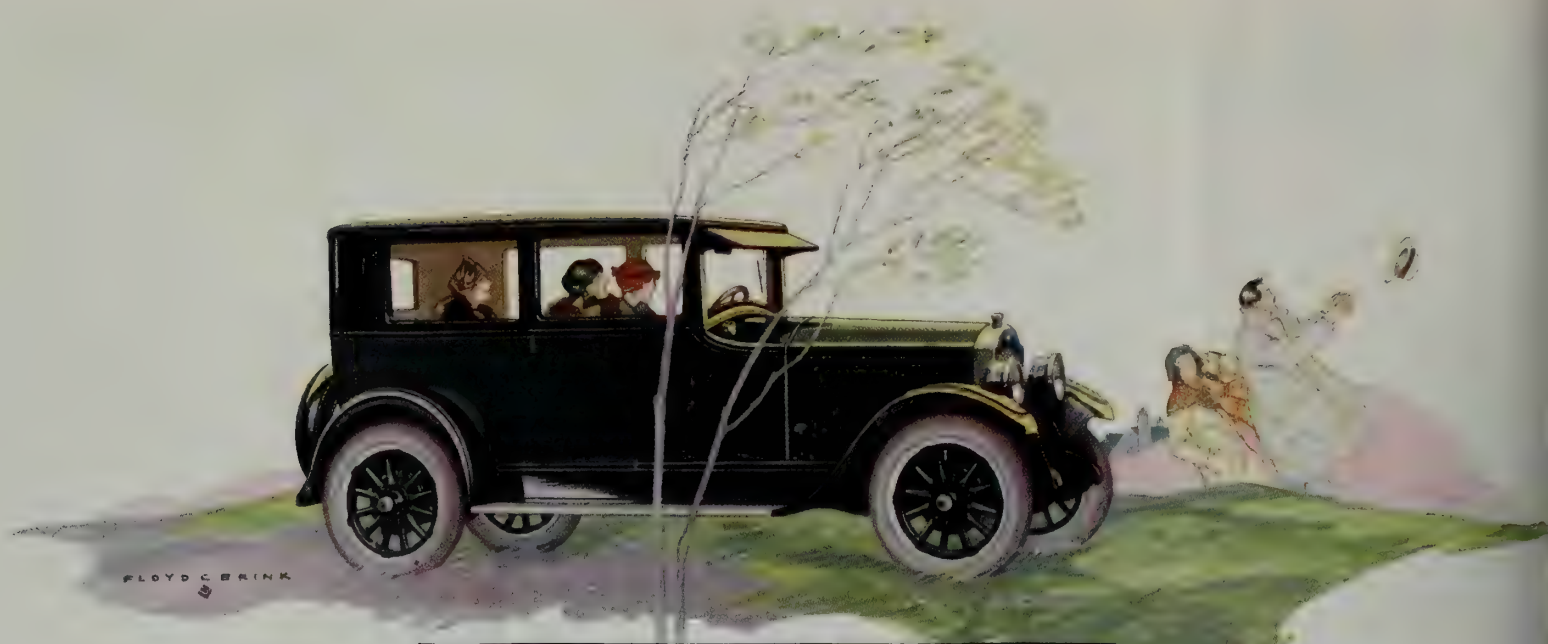
THE CHAS. W. BRENNEMAN CO.
"The oldest window shade house in America"

2045 Reading Road Cincinnati, Ohio 6th St. at Chelton Ave. Camden, N. J.

Dealers may also be supplied by:
Breneman-Horan Co., Inc. New York City
Breneman-Paschall Co., Inc. Dallas, Texas
Brenlin Window Shade Co., Inc. Los Angeles, Calif.
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Only Buick has the resources and the volume to give you such a car as the Buick Coach at such a moderate price. This Coach is a real Fisher Body closed car—luxurious and sturdy.

It seats five in roomy comfort. Graceful body lines. Duco finish in attractive colors. Two wide doors for entrance or exit without compelling front seat passengers to get out. Deep, comfortable seat cushions. The new Fisher V. V. one-piece ventilating windshield. And a host of other body refinements!

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Drive out to meet the springtime in this new Buick. You will enjoy both quality and price of the Coach as *Buick builds it.*

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The designs in plain colors, veinings and mottled effects run through the entire depth of the reinforced rubber.

Thus, the beauty does not fade or wear off but rather improves with each year of use.

Stedman Flooring has no maintenance cost, as it requires no waxing, oiling or other surface treatments — proper washing is the only care necessary; in fact the cost of installation is the only cost.

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Interior decorators and architects specify Stedman Flooring for the better class of homes, clubs, offices, churches, schools, banks and hospitals.

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SCIENCE has found the right way to heat with oil. And proved it for six years. This way is radically different from the old-fashioned methods. It will interest you to see this oil burner that has solved the problem. You need know nothing of mechanics to understand it.

So far as the 20,000 present owners are concerned there is no heating problem. Their homes are always exactly the temperature they enjoy. They see no dirt or dust. They hear no unpleasant noise. They know it is dependable. You, too, will have this experience when you heat your home this scientific way.

One right way to burn oil

Four new facts about oil burning were first used by our engineers six years ago. They are the now famous four natural laws. They explained the difficulties others were having in trying to burn oil.

So we built an oil burner in accordance with those laws. For six winters, now, Oil-O-Matic has answered every demand in thousands of homes, large and small.

When you buy an oil burner see that it agrees with these laws.

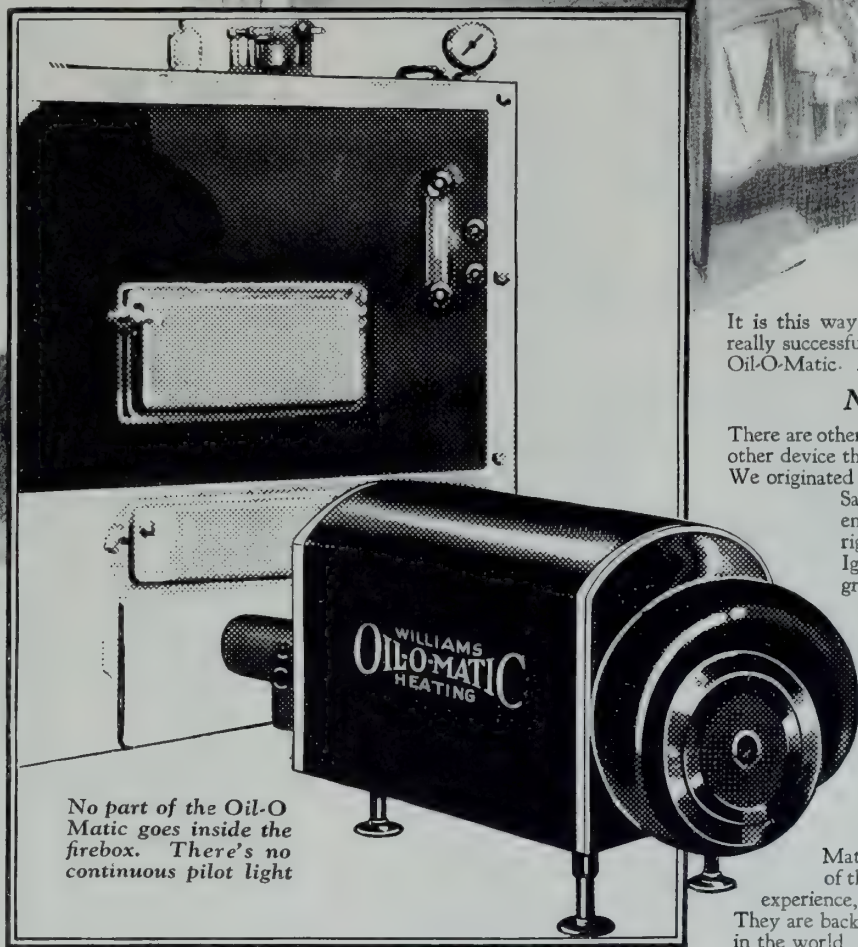
The four famous laws

The first law says that oil must be broken up into a fine mist. Oil-O-Matic atomizes the oil so fine it floats like a fog.

After the oil is broken up, the second law demands that it be burned before it touches anything. This prevents carbon and soot. Oil-O-Matic burns oil in suspension, or mid-air.

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The fourth law is just as important. Oil cannot burn perfectly without reflected heat. So, lining the firebox of your heating plant with brick assures perfect combustion.



No part of the Oil-O-Matic goes inside the firebox. There's no continuous pilot light

WILLIAMS OIL-O-MATIC HEATING

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BLOOMINGTON, ILL.

Largest Producers of Automatic Oil Burners in the World

Dealers Everywhere



"Our house is so comfortable when we get up that we forget how cold it is outside for Alice. Our nurse girl always has to remind us."

It is this way of burning oil that has made the use of fuel oil really successful for heating homes. It is the method found in Oil-O-Matic. Ask to see a demonstration.

Note these exclusive features

There are other features that make Oil-O-Matic different from any other device that burns oil. It will interest you to see them.

We originated and perfected five years ago the Williams Therma Safety Control. This positive device watches over your entire plant. Oil-O-Matic can't run at all unless it runs right. Not a drop of oil can flow. The motor is stopped. Ignition is shut off. Engineers say this control is the greatest advance in oil burner construction since our application of the four laws.

Oil-O-Matic burns a cheap, low gravity oil. This gives you more heat units at a lower cost.

So this perfected way, approved by leading combustion engineers, ends all doubt. Now no one need be without the comforts of oil heating. Oil-O-Matic can be installed in any good heating plant. Steam, hot water, vapor, hot air.

Sold on easy terms—Guaranteed

The men who install and service your Oil-O-Matic are all trained men. Most of them are graduates of the Williams Institute of Heat Research. They have experience, facilities, organization, and financial responsibility. They are backed by the largest producers of automatic air burners in the world.

They will be glad to offer you terms if you want them. Get the facts now. See it demonstrated. Send the coupon for copy of "New Facts About Oil Heating." It will answer every question. After you read it you will never go back to coal.

Mail this for
Free Book!

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Please send me at once your booklet, "New Facts About Oil Heating," giving full information about the Oil-O-Matic, and special basement plans for new homes.

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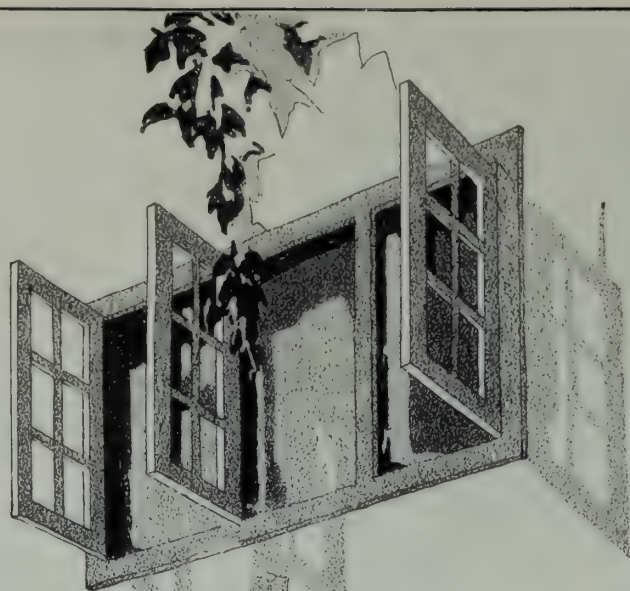
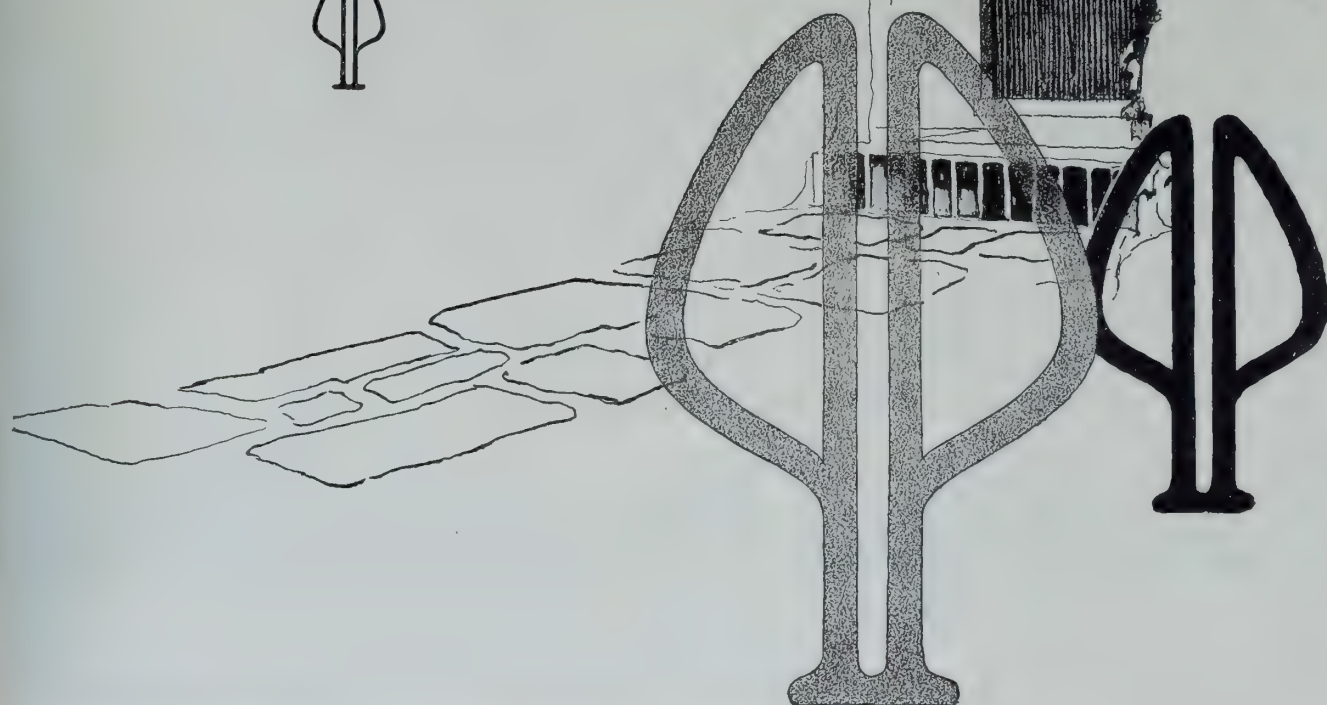
Our Heating Plant is Steam ☐ Hot Water ☐ Vapor ☐ Hot Air ☐

Your guide to the choicest of pines

SO THAT you may know this wonderful pine, grown in the Inland Empire of the Great Northwest, we have named it "Pondosa" and stamped it with the trade-mark herewith. Pondosa Pine is light in weight, yet strong. It serves many building purposes. It is beautiful wood. It is economical. It is dependable. Every piece is rigidly *graded*, thoroughly *seasoned* and carefully *milled*. For sale by all good lumber dealers. Write for booklet. Address Dept. 10, Western Pine Manufacturers Association of Portland, Oregon.

Pondosa Pine

The Pick o' the Pines





How are your screens?

If your door and window screens are trim and taut, free from sags and bulges, they are probably made of Anaconda Bronze.

For forty years The American Brass Company has supplied leading screen manufacturers with Bronze Screen wire and Bronze screens twenty years old are still in service today.

Iron screens rust and break. Screens of Anaconda Bronze cannot rust and they withstand rough handling.

You can buy Anaconda Bronze Screens for only a few cents more than you pay for the kind that rust or lose their shape. Ask your dealer.

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“No Dust or Dirt” and Children are Protected from Draughts

In fuel alone Chamberlin Metal Weather Strips quickly save their cost. Every day in the year they are saving and paying for themselves in fuel, labor and protection against discomforts.

Chamberlin Metal Weather Strips seal out draughts, dust, soot, and rain. They keep homes clean. Protect furnishings and keep wall-paper and decorations fresh and new. Redecorating is not a yearly necessity in the Chamberlin striped home. It saves half the tedious, endless toil of house-

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Chamberlin Metal Weather Strip Company
1644 West Lafayette Boulevard, Detroit, Michigan

I would like an estimate covering the cost of installing (check which)

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Chamberlin Metal Weather Strips—In my home—Office Bldg.—Church—Number of Windows—Number of Doors—

Name _____

Address _____

City and State _____

Eng. Dept. K-28

Chamberlin Metal Weather Strip Company, Detroit, Michigan

A PAGE OF NEW REPUTATIONS

in April Vanity Fair

DOES a slim dancer set a blasé night club frantic? Vanity Fair knew her when she was second from the end. . . . Does an unknown young baritone bring the Metropolitan down in salvos of applause? Vanity Fair is in a box. . . . Does a famous novelist suddenly turn famous playwright? Vanity Fair read the manuscript. . . . In fine, Vanity Fair knows the rising stars while they still have a little nebular dust on their wings; it often predicts their future before they know it themselves.

April Vanity Fair will have a page of New Reputations—the people who have stopped this season's show—the people whose names will be on everyone's lips tomorrow. Illustrated and captioned with Vanity Fair's authentic touch. Why not know about them today?

Every number of Vanity Fair is edited for people who see the social and business value of being up to date. It is an insurance against that lagging behind the times that is the first deadly step toward middle age. Its staff of experts lead the array of those who refuse to bore or to be bored.

If you go to the Theatre; and like Golf; and play a little Bridge; and don't shy at Art; and are keen on Cars; and admire good Dancing; and have an eye for beautiful Illustrations; and appreciate Literature; and follow World Affairs; and consider your Clothes; and keep up with Sports—then you can't do without Vanity Fair.

Its pages are a resumé and a forecast of conversation at clubs, at smart cafés—wherever talk is nimble and interesting. *Can you afford* to be a back number, a gloom, when Vanity Fair can be had at this

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Residence of
Mr. Henry White
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YOU want your home to be beautiful, not only because it is a never-ending source of satisfaction, but because it adds very definitely to the tangible, permanent, market value of the house.

EDHAM KOLORED SHINGLES offer a choice of rich, warm, permanent colors for roof and side-walls, that will blend artistically with lawn, shrubs, flowers and trees.

They are made in our own Mills, from British Columbia Red Cedar—a wood endowed by Nature with a time-resisting preservative; 100% EDGE-GRAIN; 100% CLEAR; 100% HEART—they will not warp, cup or curl. The natural shingles are taken direct from our Dry-Kilns to the

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On receipt of your name and address, we will gladly mail you, free, our portfolio of photograph reproductions of attractive homes by well-known architects, and sample colors. Address—

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Leading architects are specifying EDHAM KOLORED SHINGLES both for roofs and side-walls. Your local lumber dealer has, or can get, EDHAM KOLORED SHINGLES in 16", 18" and 24" lengths; standard colors stocked are, Tile-Red, Bungalow Brown, Moss Green, Silver Gray and Colonial White; they may also be had in the variegated mixed shades packed in bundle ready to lay. Every bundle carries the full name EDHAM KOLORED SHINGLES on hand-stick as well as on attached red tag.

Sales offices in principal cities



Edham KOLORED Shingles

Edham KOLORED Shingles



The woodwork in this entrance hall is Curtis-made. It has all the thoroughness of early English construction. It will last for generations. This hallway has received mention in magazines as being a typical example of a beautiful English hallway. You can have any of these features in your home at reasonable cost.

THERE IS A GROWING DEMAND FOR ENGLISH INTERIORS

THERE are many districts in this country where the English type of architecture is in high favor. We know that there is an increasing demand for interior woodwork of English design. We went around the country with a photographer and took some pictures of Curtis-made English interiors so that the readers of this magazine could see how beautiful they look.

With the rest of the furnishings in harmony they made exceedingly comfortable rooms. There is a charming dignity and a substantial look of permanence about it that appeals to people who are conscious of family pride.

You will be proud to possess a home with Curtis English Woodwork because the wood is so sturdy in character and so well put together. You get that look of permanence so necessary in this type of woodwork.

Good woodwork like this never

fails to add to the estimated dollar-value of a house. After all, the woodwork is about all the eye sees in the interior, after building is completed. You can't overestimate its value. This is no place to skimp. You need the best obtainable.

Curtis Woodwork is reasonable in price and costs you less than you would ordinarily pay for the same quality of woodwork made in small quantities by a smaller organization. There is a difference in woodwork just as there is a difference in furniture or clothing. You can secure Curtis Woodwork East of the Rockies through Curtis dealers only.

The Curtis dealer will show you the superior features of Curtis Woodwork—you can make a selection of the items you want at the dealer's office.

The Curtis dealer will show you plan books which will be helpful to you in building or remodeling; or send us 50c stating the number of rooms desired and book will be mailed to you.



This photograph shows a door and stairway of English design made by Curtis. It costs no more than other designs fashioned in the same wood. Refer to C-305 Door and C-912 Stair in correspondence.



An English mantel by Curtis, photographed in a new home in Morrison, Illinois. It has all the special refinements that make it authentic in design and it possesses a grace that makes it permanently pleasing as a background of the room in which a family lives.

1866
CURTIS

We cannot legally prevent imitators from copying our patterns and designs. The law, however, does prevent others from using our trademark. Make sure that the woodwork you buy—sash, doors, moldings or interior woodwork—bears the CURTIS trademark.

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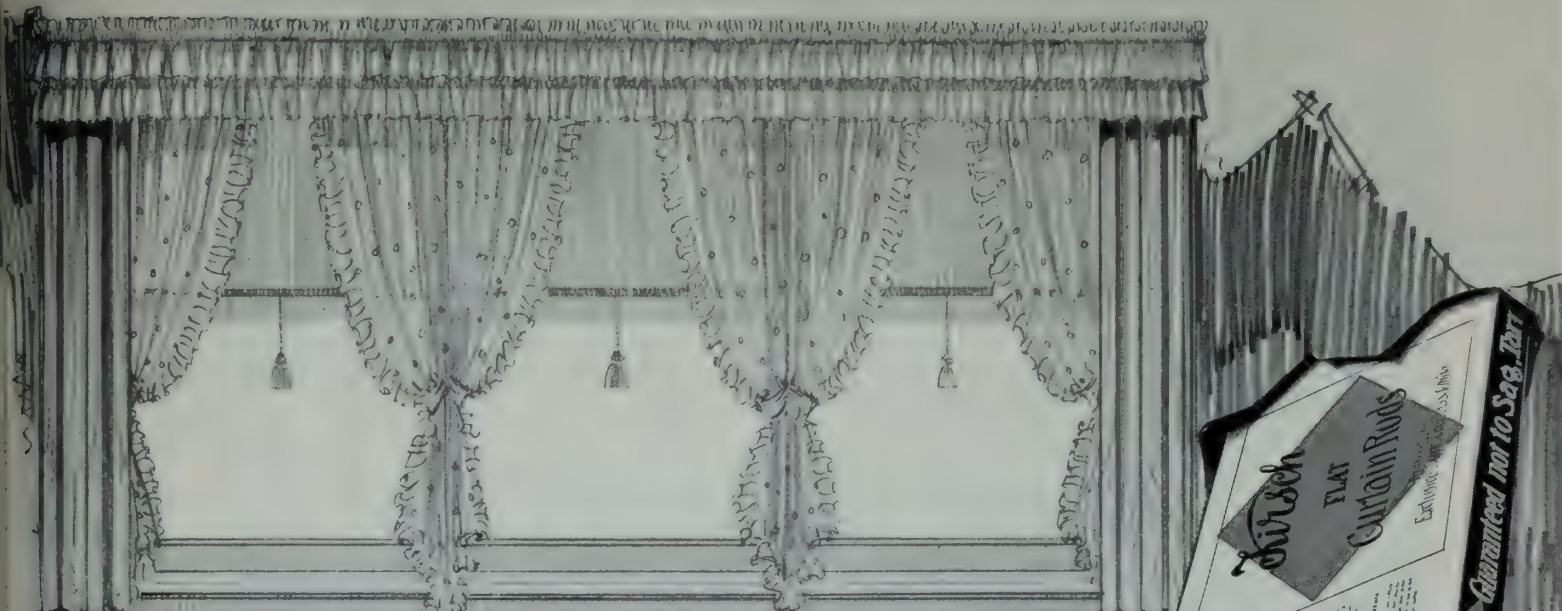
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Kirsch Curtain Rods

In Beautiful StippleTone Finish

Now on Display at Leading Dealers



Three Ways to Tell the Genuine

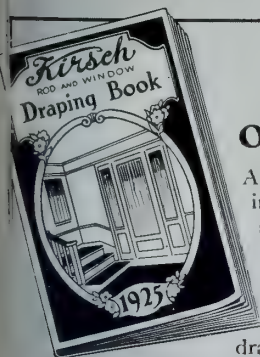
- 1 Distinctive Three-Color Box
- 2 Beautiful Stipple-Tone Finish
- 3 Name "Kirsch" on Rod

KIRSCH Curtain Rods in StippleTone finish, are strikingly distinctive in appearance. Rich and silk-like, wonderfully artistic!—setting a new standard in beauty and durability.

Kirsch Rods provide most effective help in window draping: Easy to put up, easy to take down, fit every window, take care of every treatment. They tilt on or off the patented Snug-fit Brackets, but never come down accidentally. Kirsch Accessories—heading rings, drapery hooks, draw curtain fixtures—are equally simple and superior.

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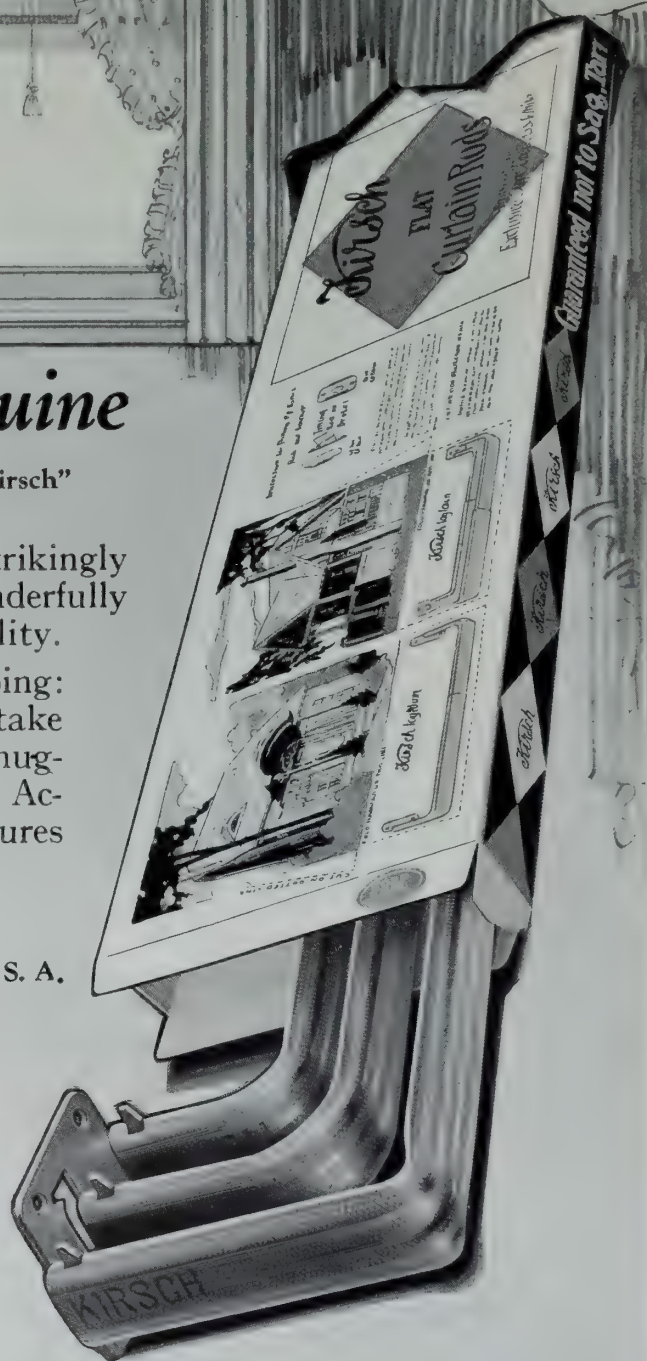
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A 32-page book packed with practical aid for window draping. Ideas for every room and every kind of window—single, double, triple, casement, bay, odd shaped windows and doors, French doors, etc. 24 color schemes for living rooms, dining rooms, bed rooms, sun rooms, etc. Instructions for measuring windows, making valances, headings; how to sew on Kirsch hooks and Rings; how to put up draw curtains on Kirsch Rods. Our 9th annual book—a book of real service. If the booklet doesn't give all the help you need—write the Kirsch Interior Decoration Service Bureau.



'There is No Substitute for Kirsch Quality and Service'

DOES YOUR HOME NEED THE BRILLIANT ACCENT OF PLATE GLASS?



ONE of the most admirable principles of interior decoration is the rule of restraint. There is undoubted charm in discreetly colored, low-toned rooms. And yet, unless very skillfully done, many homes are likely to be just a bit too sober, verging close on monotony.

A judicious use of Plate Glass on the tops of dining and serving tables, dressers and other broad, flat surfaces often

Plate Glass on library tables and desks is particularly useful and convenient. From photograph by M. E. HEWITT.

Plate Glass used on the tables in this delightful room not only protects the deli-

cate surfaces, but adds a touch of grace and elegance. Photograph by M. E. HEWITT.

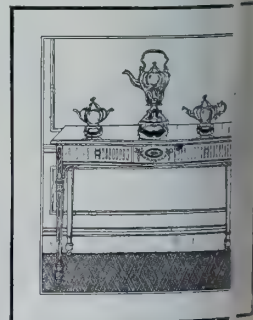
brings a brilliant high-light where it is most needed. And to the decorative effect gained by the purity and clarity of Plate Glass must be added its obvious and practical advantages. Dining table tops forever safe from hot dishes or spilled liquids. Dressing tables preserved from the ruinous stains of cosmetics and perfumes. Delicate, lacy table runners or brocaded coverings permanently protected from injury. For Plate Glass is everywhere available at a moderate price, saving work, guarding the finish and beauty of fine furniture

and adding the charm of its own shiny surface to any interior.

Many of the foremost decorators are using Plate Glass in some of the most beautiful houses in America, yet it is equally suited to the modest home. Plate Glass is not expensive. And it is easily obtained from any glass or hardware dealer, cut to size and ready for immediate use.

PLATE GLASS
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Plate Glass provides a clear and lustrous base for fine silver or china. From photograph by M. E. HEWITT.



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The high opinion which leading architects everywhere have of Jewett Refrigerators is attributable partly to their unapproachable excellence, but chiefly to their everlasting life.

For no Jewett has ever worn out or had to be replaced.

Jewett methods and exclusive Jewett solid porcelain construction—products of over 76 years' experience—pre-determine that.

Write for the Jewett illustrated Booklet on Proper Refrigeration.

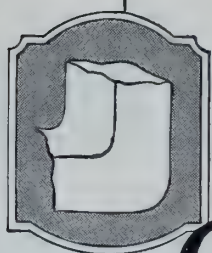
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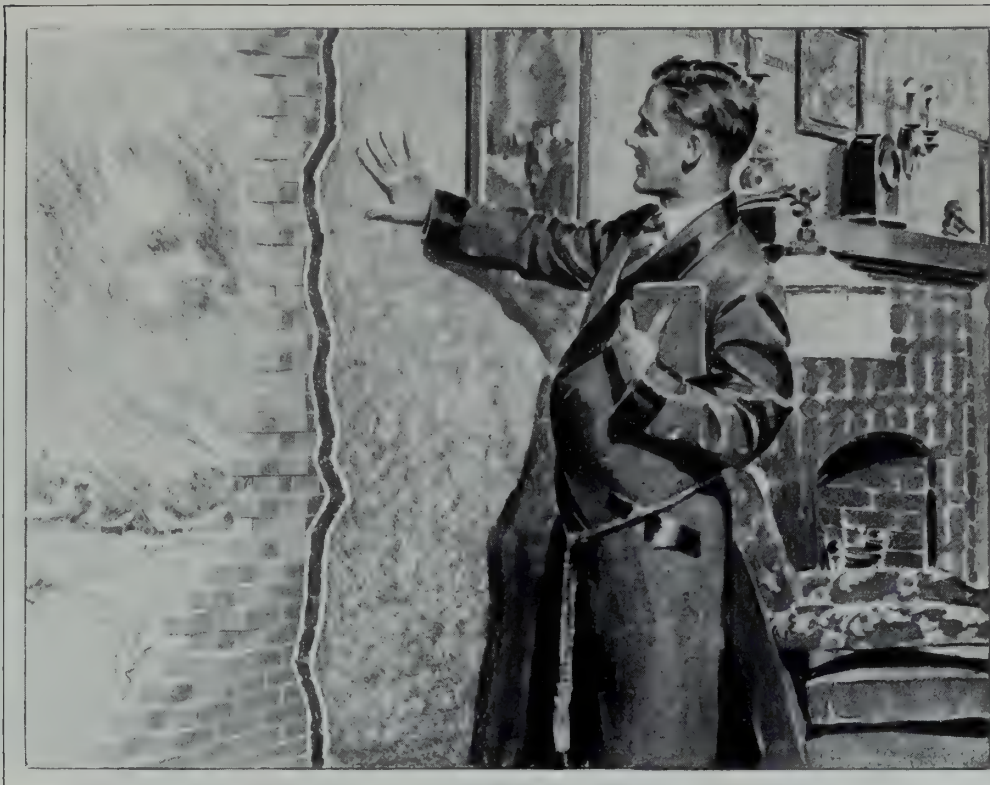


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SOLID PORCELAIN REFRIGERATORS

Each Jewett compartment is cast in one piece of solid porcelain 1 1/4" thick without seams, cracks or crevices and with all rounded corners.

Old Man Winter— this *Cork* lined wall has you stopped !



*"Zero, and the wind from the North.
Yet my house is as warm as toast."*

This man has winter stopped, outside his house. His walls and roof are *insulated*—lined with Armstrong's Corkboard. Heat cannot get through cork as it does through ordinary building materials. It stays inside and the cold stays outside. With a smaller heating plant the whole house is comfortably heated, upstairs and down, at a saving of 25% to 30% in the fuel bills.

Houses built in the ordinary way use too much fuel and their rooms are draughty and unevenly heated. You know such houses and you don't want one. Build your house so that it will be uniformly

warm, comfortable and easy to heat. Insulate it with Armstrong's Corkboard.

Armstrong's Corkboard costs no more than good lumber. It is easily erected in new houses of brick, frame or stucco. In old houses it can be nailed against the rafters or over the ceiling joists. *Takes and holds plaster permanently without the use of lath.* Is slow burning and a positive fire retardant.

Reduce the size of your heating plant, save fuel and have a home that is warm in winter and cool in summer. Further information will be supplied upon request.



*Made in boards 12 inches
by 32 or 36 inches—from 1
inch to 3 inches thick*

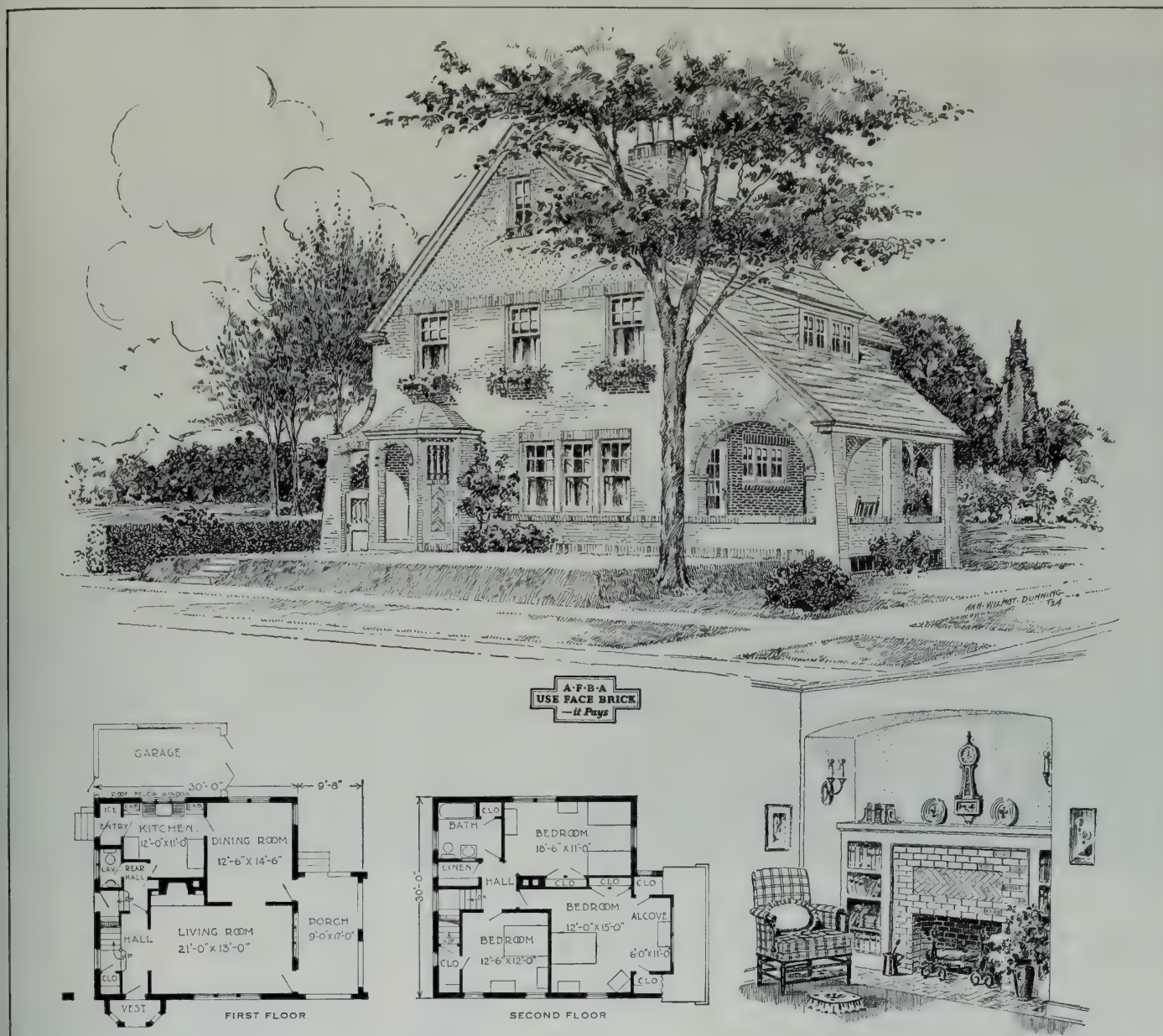
Armstrong Cork & Insulation Company

193 TWENTY-FOURTH STREET, PITTSBURGH, PA.



*Armstrong's Corkboard is
pure cork—the outer bark
of the cork oak tree*

Armstrong's Nonpareil Corkboard Insulation



SIX-ROOM HOUSE NO. 636

Designed for the Service Department, American Face Brick Association

One of the 154 small Face Brick houses for which complete building plans are available at nominal cost. Home-builders have purchased more than 3000 sets of these plans in four years.

Why It Pays to Use Face Brick

IT IS NOT so much what it costs to build a house as what it costs to keep it up that determines its real value as a home-building investment.

A Face Brick house costs from 6% to 10% more than one of less durable materials. But in a few years, savings in depreciation, repairs and upkeep, in insurance rates, and fuel costs, more than offset this difference.

Thus it is that, in the long run, you get the beauty, permanence and fire safety of the Face Brick house at an actual dollars and cents saving.

"The Story of Brick," free for the asking, gives you the facts. Read it and you will know why so many Face Brick houses are being built in all parts of the country.

"Face Brick Bungalow and Small House Plans" are issued in four booklets, showing 3 to 4-room houses, 5-room houses, 6-room houses and 7 to 8-room houses, in all 104, each reversible with a different exterior design. These designs are unusual and

distinctive, combined with convenient interiors and economical construction. The entire set for one dollar. Any one of the booklets, 25 cents. We have the complete working drawings, specifications, and masonry quantity estimates at nominal prices.

"The Home of Beauty" shows fifty two-story houses, selected from 350 designs submitted by architects in a nationwide competition. Sent for 50 cents. Complete working drawings, specifications, and quantity estimates at nominal prices.

"The Home Fires," a most attractive fireplace book, with many designs, gives full directions for fireplace construction. Sent for 25 cents.

Perhaps you have a good old house to repaint or restucco. Better give it a permanent overcoat of beautiful Face Brick. It will last. Send for free booklet, "A New House for the Old." It will tell you all about it.

Address, American Face Brick Association, 1721 Peoples Life Building, Chicago, Illinois.

VERMEER IN NEW ENGLAND!



© House & Garden

A DUTCH door swings open, and sunlight floods in. The cottage furniture is sturdy against neutral walls. The gentle spring of an arch hints at the division between two halls. The floor is harlequin in lozenges of black and grey. All the old charm of a Vermeer painting recaptured in this Massachusetts home!

Thus, ever so often, an architect or decorator will splendidly recreate the spirit of an historic period. He will mould the gracious atmosphere of old Holland, or England, or Spain, to the needs of the modern home. The family for which he designed will know the satisfaction of delightful surroundings, and his re-creation will be made known to the world through the pages of *House & Garden*.

For period design is one—though only one—of the subjects which *House & Garden* covers with authority and charm.

If you want to visualize your house treated after a "period"—if you want to adapt the suggestion of these fine examples to your own needs—if you enjoy the glimpse of lovely interiors, and houses, and gardens . . . subscribe to *House & Garden* magazine.

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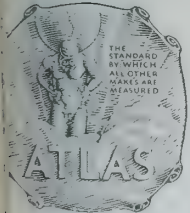
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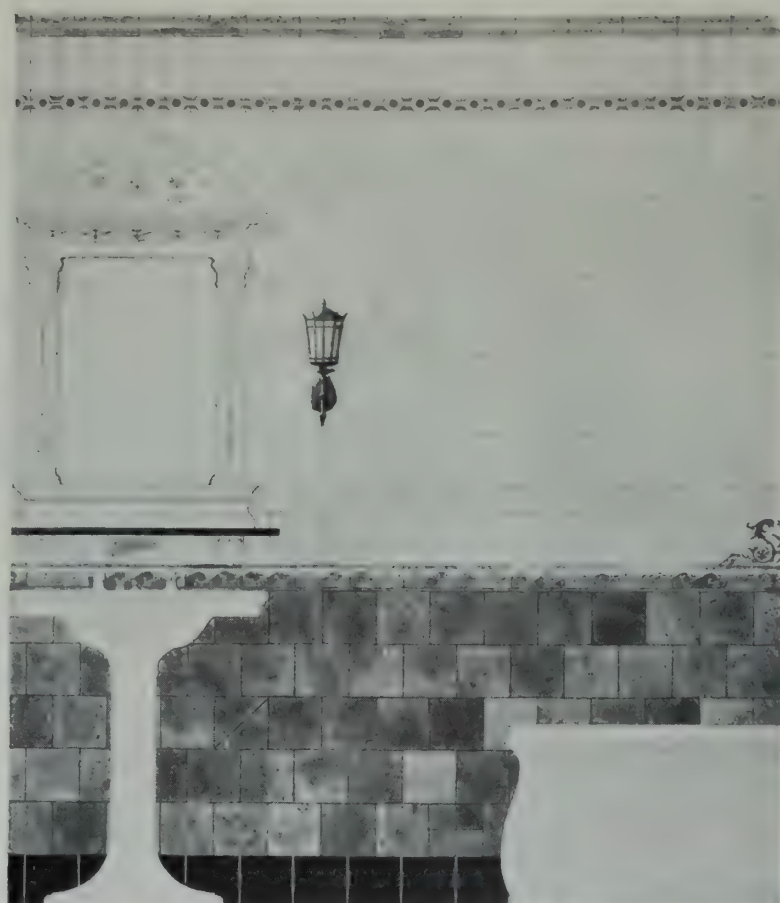
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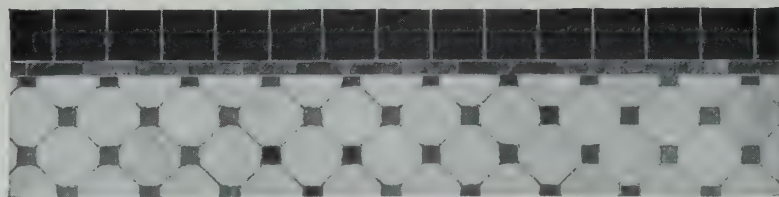
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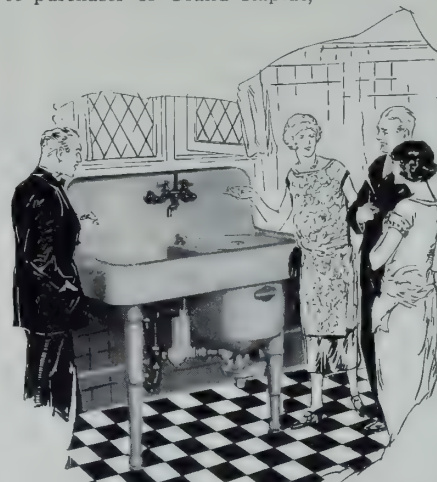
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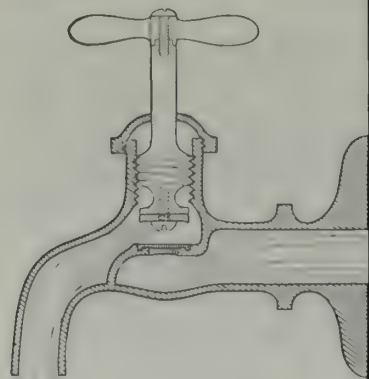
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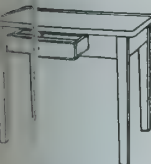
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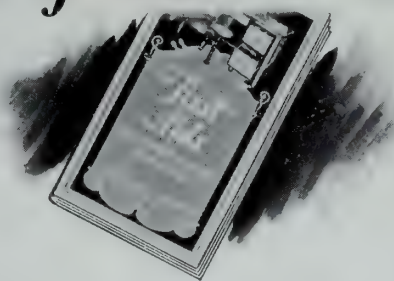
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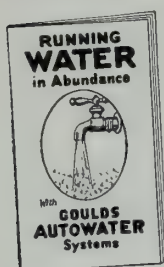
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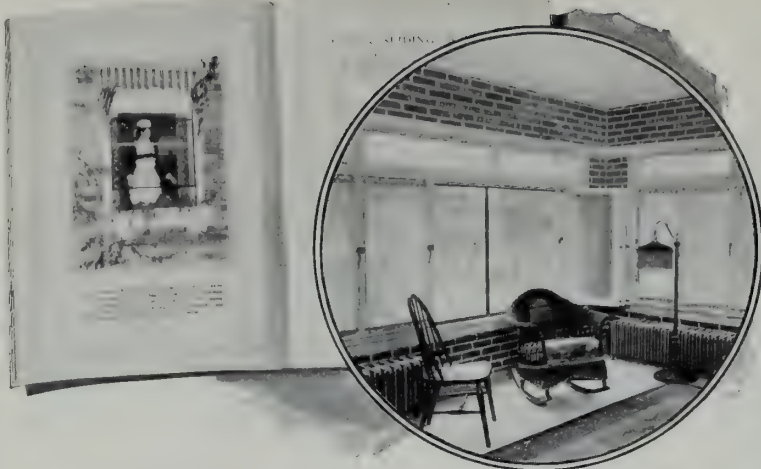
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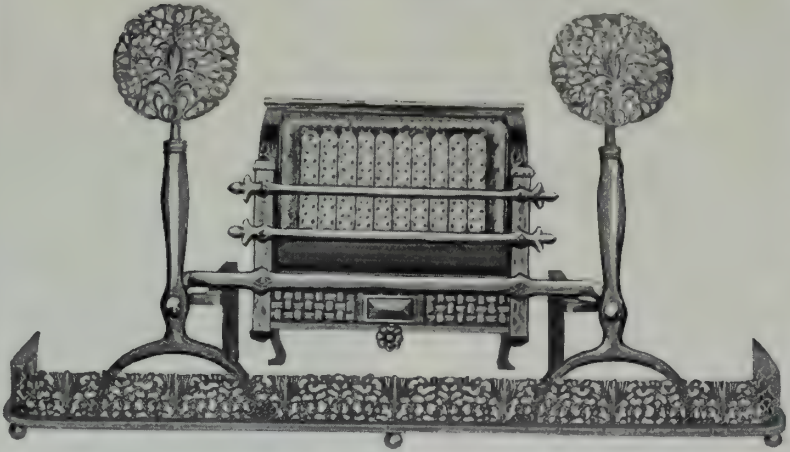
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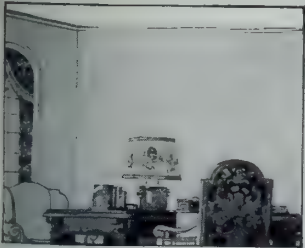
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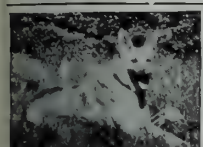


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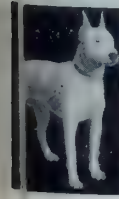
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WHEN YOUR DOG ARRIVES
ROBERT S. LEMMON

THE dog that comes into a new home is somewhat in the position of the traditional country bumpkin suddenly plumped down in the middle of a busy and wholly strange city. He doesn't know where he is, and he doesn't know where to find out. Particularly if he is a puppy, the problem of orienting himself is likely to appear so appalling as to produce a state of nervousness and discouragement bordering on the tragic and leading, more frequently than not, to vocal lamentations of considerable power.

THERE ARE REASONS
The pup isn't to be blamed for this. Here he is with perhaps three months' total experience in affairs of the world, suddenly surrounded by sights, sounds and smells which are totally different from anything he has known in the past. Lacking the power of speech, he can ask no questions. His doubts and misgivings are very real, very overwhelming to him—none the less so because they can be allayed only by observation and experience. He is in a state of mind which is particularly susceptible to impressions, and if these should be unfavorable the effect upon him will be far deeper and more lasting than most people would imagine. It is only the part of humanity, and of common-sense as well, for his new owner to make due allowances, overlook whatever mistakes or indiscretions may arise, and set about at once to establish that feeling which must be at the bottom of every successful dog-and-human relation: Confidence. Your first and supremely important task is to win the pup's friendship and, as soon as may be, his affectionate regard.

Your opportunities in this direction begin as soon as the dog arrives. If he has come in a crate or basket from some more or less distant kennel, you will liberate him in the quietest, least disturbing place available—if possible, in the open air where he will feel the familiar earth under his feet and have room to trot about a bit and sniff at things. Make certain, though, that he cannot stray far away, for some dogs are a bit panicky and inclined to run when they first emerge into unaccustomed surroundings.

Open the crate quietly and deliberately, too, avoiding every suggestion of flurry or confusion. See that the children restrain their natural inclination to make a fuss over the small stranger until he has become a little used to them. Talk calmly and reassuringly to the pup, pet him a bit, lift him out gently and set him on his feet. Then let him poke about as he wants, investigating matters on his own account. Have a dish of fresh water where he can get at it in case he should be thirsty, but do not be in a hurry to feed him, especially if he seems really excited or ill at ease.

NEXT
Treated thus, a pup usually begins to get his bearings in a few minutes. When he does, give him a dish of lukewarm food (cooked cereal, green vegetables and finely chopped raw lean meat, thoroughly mashed together, are excellent) and let him eat as much as he is really keen for. Then let him sleep, if he feels like it, in a comfortable basket or box in some quiet corner which you have previously selected as the place for his (Continued on page 44)

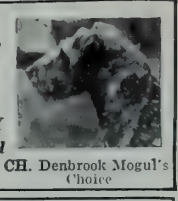




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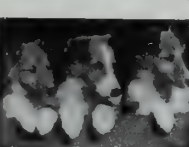
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WAUSEON, OHIO
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WHEN YOUR DOG ARRIVES

(Continued from page 43)

regular bed. Do not change this location from pillar to post, which would be unsettling to the pup. He deserves to feel that his bed is one place which he can really consider as his own.

However esthetically one may wish to view the matter, there is no denying that the surest and quickest way to a dog's heart is through his stomach. Feeding is rather an open sesame to canine affection, so in your efforts to establish an entente cordiale it will play a leading part. Furthermore, one person only should act as waiter and general handler, especially during the first few days, for reasons which are obvious. After the pup has become accustomed to his new home it will be easy enough to broaden friendships which, if attempted in the beginning, would merely confuse him.

OTHER FOODS

The menu already suggested may well be taken as a dietary basis. Supplement and vary it with any of the better standard brands of dog or puppy biscuits, a little cooked fish, sweet milk, stale bread and a large bone to gnaw on once or twice a week, and you will have a sufficiently assorted list. Greasy or fatty foods of any kind must be scrupulously avoided, as most dogs find them indigestible, and indigestion is at least the indirect cause of far more canine dis-

orders than is commonly realized. Poultry bones, too, are taboo, for the simple reason that when crunched and swallowed as dogs usually do with them their sharp splinters are likely to cause serious internal trouble. Potatoes had better be marked off the list along with rich pastry, cake, candies and sweets of all kinds.

Light and frequent meals are much better for a dog of any age than heavy, infrequent ones. Three or four a day are usually right for puppies between three months and maturity, and two a day after full growth is attained. As for quantity, let each meal be as substantial as the dog really wants; individual appetites vary, precisely as in the case of human beings, so no definite rule for exact food bulk can be laid down as universally applicable.

PERSONAL CONTACT

Attempts at training or discipline should be avoided until the new dog feels really established; they merely tend to postpone the time when he realizes that he is actually among friends. On the other hand, make it a point to be with him as much as possible, and talk and play with him freely, especially when he is in a mood for a frolic. This will not only help him to become accustomed to you,

(Continued on page 45)

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Your Police Dog must be properly trained, just as your child must be educated, if you expect to bring out and develop those fine inherent qualities that make a well-trained Police Dog the ideal Companion and Protector. If you have a Police Dog or expect to purchase one, you will be interested in reading over our pamphlet entitled "Why I Should Train My Police Dog."



Champion Bero of Elmview

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A dog is the only friend you can buy for money

WHEN YOUR DOG ARRIVES

(Continued from page 44)

but also enable you to learn his individual character and peculiarities—knowledge which will be invaluable later on.

GIVE HIM A CHANCE

It is unfair to expect too much of the newly arrived dog, either in condition or temperament. If he has been on the road several days, as not seldom happens, he may have lost flesh as well as spirit, and not regain them for a week. The only fair way, to him as well as to the kennel from which he hails, is to make allowances for such conditions and not jump to the conclusion that you have been sent either a sickly dog or a coward. In fact, jumping at conclusions of any sort in regard to a dog is fully as likely to lead to errors as it is in other matters.

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Only a careless or an unreasonable purchaser will keep a newly arrived dog for several weeks and then expect the breeder to take him back and send another free of charge. How is the kennel owner to know that the dog

has not contracted distemper or some other contagious disease during this interval—through no fault or knowledge of the purchaser? If the breeder takes him back he runs the risk of exposing to disease every dog in the kennel, and very likely losing some of them.

Decidedly, the only fair way is to report any dissatisfaction immediately. If you have made the purchase from a reliable breeder you will find him perfectly willing to meet you halfway on any reasonable proposition. But it is obviously unreasonable to expect him to replace or refund after the original dog has been out of his hands long enough to contract all manner of troubles due to contagion, poor food or lack of proper general care. After all, the kennel owner is conducting a business, and he is just as much entitled to businesslike treatment as is the man who runs a department store, a bank or a soda and candy emporium.

The Dog Mart of HOUSE & GARDEN will gladly answer specific inquiries from readers concerning dog matters. We are ready at all times to give personal suggestions and advice on the selection of a breed, care and training, and to suggest reliable kennels from which purchases may be made. We do not sell dogs ourselves or issue any dog catalog or printed matter except what appears on these pages. Inquiries should be addressed to The Dog Mart, HOUSE & GARDEN, 19 West 44th Street, New York.

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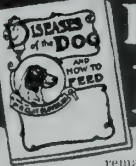
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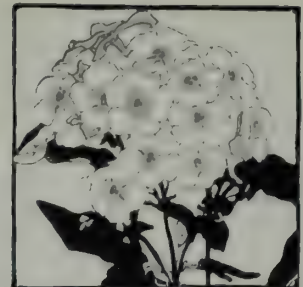
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But to enable us to answer your questions intelligently and helpfully, you must give us full information concerning your problem. We urge you, when you write, to bear in mind these points.

How to help Us to help You

- When advice is wanted concerning the identity of plants or plant pests, send accurate descriptions.
- When advice is wanted concerning the care or cultivation of plants, describe all the factors in the case—soil, exposure, climate, and the exact variety of the plant.
- When advice is wanted concerning the construction of walls, steps, pools, arbors, gates and paths, let us know the sort of location in which they are to be built (if possible send photographs or scale drawings), the style and materials of the house, the amount you wish to spend, and your own taste.
- When advice is wanted concerning the arrangement of flowers or the laying-out of grounds, send a scale plan or photographs. If the problem is so large that written advice would be inadequate, we will submit the names of capable garden architects in your locality.

Garden Information Service

House & Garden, 19 W. 44th St., New York



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"It Didn't Scratch a Bit"

"—my I'm glad. I wouldn't have anything happen to these floors for anything in the world. George—the old peach, certainly used good judgment when he bought Martin's 100% Pure Varnish."

Martin's 100% Pure Varnish goes farther, protects longer and gives a beautiful tone finish. It is made of pure Vegetable Oils, pure Fossil Gums and pure Turpentine. No Rosin, no Benzine.



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PIONEERS OF 100% PURE VARNISHES
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E A R S



JAMES A. GARFIELD used to say that every time he met a small boy on the street he felt like lifting his hat.

The boy might prove to be a Lincoln or a Shakespeare. You couldn't tell by looking at him.

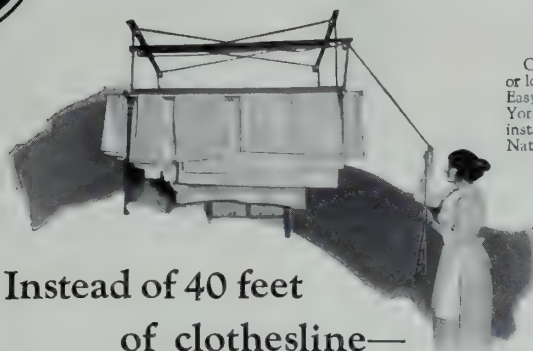
Nor can you tell by looking at an automobile tire how far it is built to go. Good tires and not-so-good tires look about equally sturdy on the surface.

This is more true of tires than of almost any other merchandise you can name. The ear is a better judge of tire values than the eye; reputation, a safer guide than treads and outer casings.

So far as MOHAWKS are concerned, the conversation of users has built up one of the most loyal and exclusive clienteles in America. In fact, what users say about these superior tires is practically summarized in the words that conclude this advertisement—

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Go Farther!

The Mohawk Rubber Co., Akron, Ohio.



Instead of 40 feet of clothesline—

YOU needn't battle bitter winds, snow or rain to hang out the wash in temperamental weather. It can be done indoors—in comfort.

You haven't the room? Then you haven't met this overhead dryer nor the Pease Clothestree. Each has 40 feet of hanging space. But neither takes up enough room to think about.

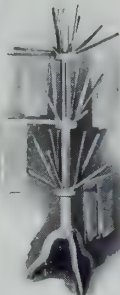
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Phone Vanderbilt 0571

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Pease Clothestree has 36 revolving arms of unpainted hardwood. Rolls easily on casters, \$10.

3-25
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& Conger
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Sixth Ave.
New York, N. Y.

Send me, collect: ☐ Overhead dryer, ... finish; ☐ Pease Clothestree; ☐ Also free booklet, "Modern Home Equipment." Check in front of items desired.

Name.....
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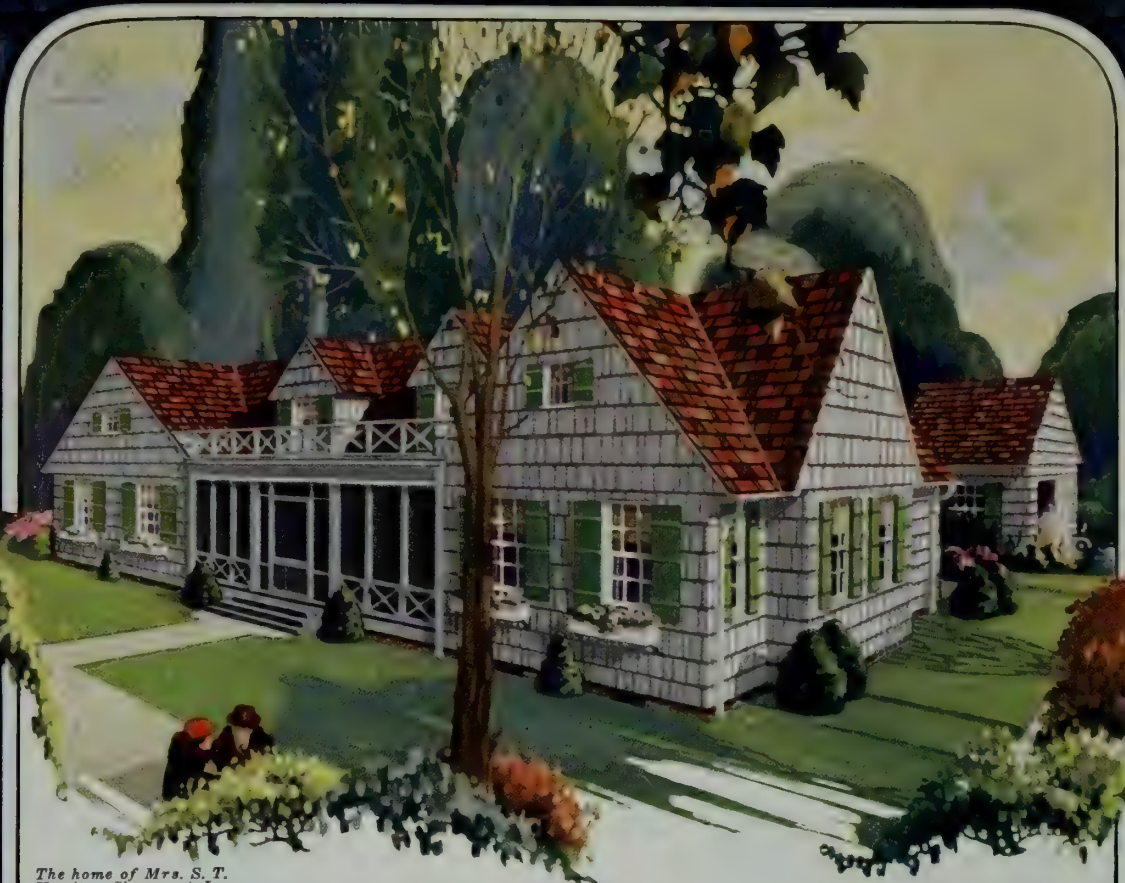
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The home of Mrs. S. T. Hamiter, Shreveport, La.
J. P. Annan, Architect.

If you seek that "something different" in the home you build or buy

HOUSES, like people, can have character—personality—charm. And, like people, they can be deadly dull and uninteresting.

Creo-Dipt Stained Shingles assure the first and remove the second from the realm of possibility. On side walls and roof they give the rare beauty that commands admiration . . . Engaging individuality . . . Warmth and light . . . The animation that colors lend.

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And Creo-Dipt colors—like these fine cedar shingles, themselves—are wonderfully durable. For years, they rid you of perplexing paint problems. They never fade in streaks, but acquire the mellow beauty that only time and artistry can give.

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And if you have an old house grown drab and dingy with the years, send for our free booklet, "Giving the old house a new lease on life." It is full of helpful suggestions.

CREO-DIPT COMPANY, INC.
General Offices: 1016 Oliver St., N. Tonawanda, N.Y.
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TRADE MARK REG. U. S. AND CANADA

Stained Shingles

For Sidewalls and Roofs

© C. D. Co., Inc., 1925



This portfolio includes 50 large photos of beautiful Creo-Dipt houses. You will find it full of interesting suggestions.



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- Where the smart crowd goes to dance.
- Where you should shop this season.
- What week-end place is in favor.
- Which resort is in season and where to stay.
- How to find an apartment in Paris.

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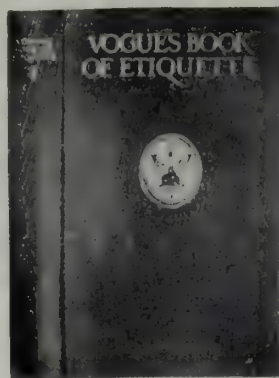
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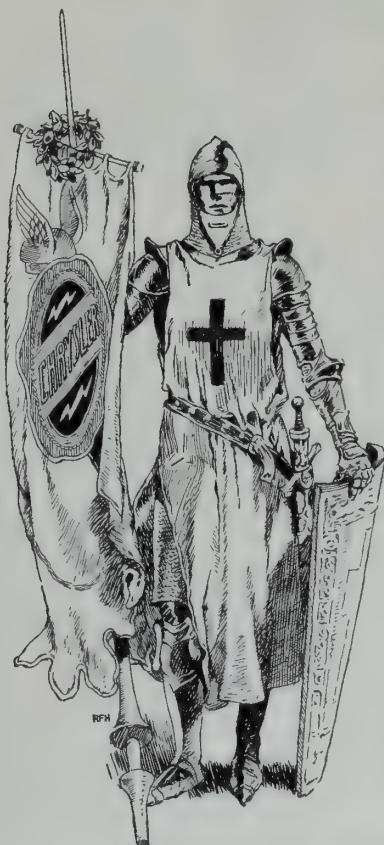
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CHRYSLER SIX

House & Garden



DURING the past ten years America has gradually awakened to garden beauty. The automobile made country living both possible and pleasant. More and more people have learned the delights of living in the country and suburbs, and have discovered that one of the chief delights of this country living is to create and maintain a garden.

Prior to this renaissance, gardening was the hobby of a few. Although our country for centuries had contributed generously to the gardens of the world, yet we did not appreciate our own potentialities. We failed to recognize the full beauty of our own native flora, and our gardening heritage was still closely linked to that of the mother country. England supplied us with gardening books and schooled us in her gardening methods. The seed and plant industry was (and some of it still is) in the hands of men who held allegiance, by birth at least, to Britain. From this dependency on England we have freed ourselves. The second generation of seedsmen—the younger Burpees, the Hendersons and such—are Americans. Our gardening literature is constantly being enriched by books written by American authorities. And, whatever evils did accompany it—and the evils have been many—Plant Quarantine 37 has turned our attention to and quickened the appreciation of our native flowers, trees and shrubs. Moreover, the new generations of plantsmen and amateur enthusiasts are constantly contributing to garden enrichment and the betterment of

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gardening methods the world over.

As in the old country, so here, gardening is fast becoming a popular hobby. To take one example: the American Rose Society a few years ago felt proud of 600 members; today its membership is past 4,000. The Iris, the Peony, the Dahlia Societies, all of these are showing marked advance. Our lists of specialists are growing, men and women who devote most of their energies and time to the development of some special flora. It is encouraging to know that our floral creations and studies in horticulture are beginning to set the standard for the world. Even our garden books are being taken seriously by the horticultural press of other countries.

It may sound snobbish, but the fact remains that interests such as gardening percolate downward from the leaders in a community, just as the style in clothes percolates downward. The mansion on the hill starts the ball rolling for the cottage in the valley. Consequently those who live in the mansion on the hill hold a peculiar position of responsibility. They have awakened, among other interests, an enthusiasm for gardening. They must maintain that enthusiasm. In England the lowest laborer has his cottage garden. But the manor house had its garden first. We Americans are apt to sigh because our workmen do not have gardens. Well, they will not have them until every person of means has one, until every person of the type that reads *HOUSE & GARDEN*, maintains some sort of garden.

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HOUSE & GARDEN'S BULLETIN BOARD



ON page 74 will be found an announcement of some civic activities which HOUSE & GARDEN plans to undertake. For over a year now this magazine on its editorial page has been extending its sphere of interest to the other side of the front gate. This expansion of its editorial interests to include the beautification of the town is a natural development. The man or woman who is interested enough in a town or a locality to make it home cannot be blind to the ugliness that is cropping up on all sides. Let ugliness increase, and it will become an accepted standard.

Nothing is to be gained by merely thundering editorially against these wrongs. A powerful lot of thunder already has been expended by magazines. HOUSE & GARDEN prefers to take positive action. It offers to provide well-designed schemes for those objects that offend most by their ugliness. The acceptance and distribution of these designs will depend on the public interest and civic pride of our readers.



TO be at once both beautiful and useful is a combination of gifts that the gods bestow only once in a while. And yet, we presume to hope that that is what the April issue will be. Its major topic of interest is interior decoration. Now it would be simple merely to show useful things or merely to show the beautiful, but we have tried to combine the two. The subjects are quite varied—the decoration of tables, bedspreads, how to light and decorate the piano, collecting Corbel screens, valance designs, book ends in abundant variety and lampshades and decorative waste baskets, paneling walls with paper, the apple dressing table, an article on Philippe de Salle, the great French designer of the 18th century. Add to these three pages of the Little Portfolio of Good Interiors and a page of color schemes, and you have a generous abundance of both beauty and usefulness. Among the decorators contributing are Elsie de Wolfe, Mrs. Somerset Maugham, Weymer Mills, Pierre Dutel, Nancy McClelland, Agnes Foster Wright, Miss Gheen, Kate & Hall, Chamberlin Dodds, Mrs. Buel, Miss Sloan Farley and Elsie Cobb Wilson. Several of the pages will be devoted to houses—a large house designed by John Russell Pope, and to smaller California homes by George Washington Smith and the late James Osborne Craig. Frederick Houston discusses shingles in this issue.



OLD DOC LEMMON SAYS—

MEBBE they ain't more'n a drap in the bucket o' the world's hist'ry, these las' fifty year er so, but they sure hev made a sight o' diff'rence in us farmers' lives. What with telyphones an' R. F. D. an' gasoline lamps an' gov'ment fellers to tell ye what kind o' manure to put on yer pertater land, things ain't whut they useter be. More'n that, they keep right on bein' diff'renter. I figgered we'd come to the limit when ottermobiles got so common that Ez Baldwin turned his hoss-shoe place into a garrage, but no sir! 'Long comes this radio business an' busts another of our oldest habits plumb wide apart.

"Time was when ev'rybody round here went to bed at nine o'clock, 'cept mebbe when a strawberry festival er a supper down to the Congregational Church kep' us up till purty near ten. But now—wal, Cleveland don't git comin' over good 'fore ten-thirty, an' the best jazz is 'tween then an' midnight. The way even the hired help sets up to listen to it, I guess the cows'll hev to git useter bein' milked long after sun-up 'stead of an hour before.

"Me? No. I ain't got one yet. But I'm figgerin' onto it—yessir, I'm figgerin' onto it!"



PERMIT us to commend to your interest and generosity the work of the National Plant, Flower and Fruit Guild. Through its activities flowers and fruits are distributed to the poor in tenements, to the sick at home and in hospitals. It helps to transform backyard dumps into attractive gardens. It supplies potted plants and window boxes to housebound sick and cripples and to deserving school children. It gives jellies and fruits and fresh vegetables to those who cannot afford them. It maintains a farm garden for children.

The Guild maintains booths at large railroad terminals where garden owners can bring in their surplus of fruit and flowers and vegetables and jellies. These are immediately distributed to the poor and sick. There are organized centers of the Guild in over four hundred cities and villages. If there is no center in your locality, write to the Guild Headquarters and start one. Or if you have no garden or no garden surplus, you can manifest your good interest by sending cheques to the headquarters at 70 Fifth Avenue.



IN Francis Ludwidge's "Songs of the Field" we found these lines that pleased us—
—sometimes the thought comes that the brown tomb

Is not the end of all our laborings,
But we are born once more of wind and rain,
To sow the world with harvests young and strong
That men may live by men 'till the stars wane
And still sweet music fill the blackbird's song.

IN the course of building a house (an experience we are just now enjoying) there comes a time when one's extravagances begin to loom ominously. The first bill for building materials reads like an accusation. You start with good intentions to use only the best materials—and then you see what the best materials cost. That, sirs, is a time when the heart needs courage. It is a time to keep the head level. To weaken one's good intent at that point is fatal.

In the long run the best materials cost only a little more than the cheapest. That insulation on walls and roof, that better kind of prepared shingle, that better brick, that better flooring, that better paint—these things cost more because they are intrinsically worth more than shoddy materials. Combined, they make a better appearing house. They make a house that is easier to live in and they are a source of pride.

Of all the things about which a man may be justifiably proud, none is more quick to stimulate lasting pride than a well-designed and well-built house. As we pore over the advertisements of building materials we wonder why this point of pride is not more stressed. It is a source of pride when one can speak, for example, of the trade marked materials that went into this house, materials that through constant advertising have become familiar. It is like shaking the hand of the hand that shook John L. Sullivan's. The pride is justifiable because the choice of those materials is evidence of sound judgment.

So we are writing off some of the items on our bills against the pride we will enjoy in days to come.



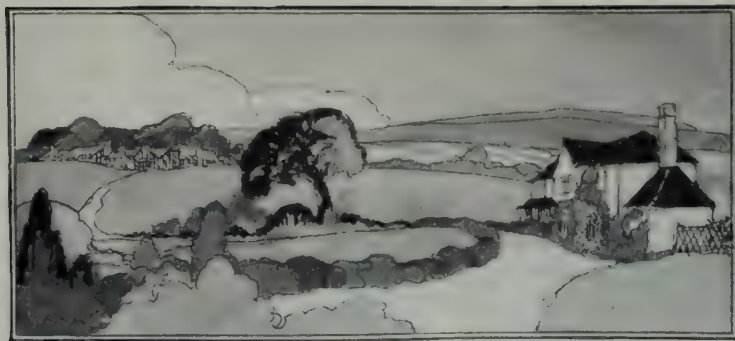
THERE is no safe and easy way to gardening. You can't learn how to garden by sitting in a comfortable chair and reading gardening books. You must plunge in. You must be willing to stand the back-ache and the soiled hands. You must be willing to be seen at all hours in disreputable clothes. You must have the patience of Job and the resignation of a saint. And after you have acquired these virtues, you can count yourself a gardener. So many good people think that gardening is a dainty avocation, an arty sport, a thing to be played with when you will. How wrong they are! For if you would be sister to the wind and brother to the sun, you must work and work hard.





A PALLADIAN PAVILION

The beauty of this pool is brought to a high pitch by its architectural setting. From the sides of the graceful pavilion, stuccoed in white plaster and covered with a roof of Italian style pan tiles, two pergolas run towards the terrace in the foreground and, with the wrought iron railing, complete the enclosure. J. L. Severance, owner, Pasadena, Cal.; Johnson, Kaufmann & Coate, architects



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PASSING stone-piered entrance gates, then curving through trees, a fine sweep of drive leads to Lisburne Grange. The house stands on a high hill overlooking the Hudson River, with South Redoubt, the historic mountain, for background. Directly west of the house, facing the river, lies a grass terrace, and to the south of the terrace lies one of the most interesting divisions of ground possible for such a site.

Long ago, in the early days of the place, this level ground was planned in rectangles, and two pairs of Maples and Elms placed to flank a broad walk from the west entrance to an arbor on the edge of a ravine.

This square of lawn is divided into grass spaces by two or three cross walks as well as by one enclosing it. Between the further four of the Maples mentioned above, lies a spacious pool fully eighteen feet wide, brimming with dark water. Garlands of Ivy conceal the junction of the low stone edge with the ground of the encircling walk. The great trees above the pool are at least twenty feet apart, and as on this bright October morning I sit near the pool, which is as still and tranquil as the day, and lift my eyes toward the tops of these majestic Maples, the vivid blue of the October sky is shot through leaves of green and softest yellow which seem a mile above

my head. And all this color, with the lines of the fine old house itself, is reflected in that broad and quiet water.

Looking toward the left is a sunlit lawn of this grass square, bounded by clipped green hedges, with a few fine Elms and a Maple or two, and beyond are the blue and mauve distances of Storm King and its neighboring mountains, and the gleam of the river. This picture is framed by the black and upright boughs of a great Elm. Underneath this Elm, and over the tea-table for a sunny afternoon, the owner has placed a gay umbrella blazing with the color of the Primrose Gladiolus; and this flashing note against the soft atmospheric



M. E. Hewitt

An end of the highest terrace is framed with a marble balustrade. Lisburne Grange, at Garrison, N. Y., is the home of Mr. and Mrs. Samuel Sloan, the latter president of the Garden Club of America



M. D. Hewitt

Across the brimming circular pool, and through a vista of paired Elms and Maples, may be seen the arbor that overlooks the ravine beyond. The glassy water reflects the branches far above it and catches the shreds of sunlight dropping through foliage

The brick-paved terrace lies along the sunny side of the house where it enjoys the mottled shade of the Maples. Balustrades close the ends, a low Box hedge lines the long boundary and it is framed with shallow borders of perennials



blues of the distance, is as the Venetian sail to pictures of the Lido.

Facing the main portico at the house entrance, are magnificent tree groups: Maples, Cedars, Arborvitaes, with a remarkable Elm to the right, now pale yellow in the Autumn sun. A great Linden sweeps the ground with its wide branches, and holds its clear green form against all the gay autumnal colors. A wild-eyed Ginkgo, eighty feet high, low-branched and spreading, never escapes notice, and a Spruce with a basal spread of at least fifty feet forms a pivotal feature for the turn of the drive; while the foreground to the river is a sloping meadow, a peaceful English looking meadow, far below the house, with now and again groups of colored trees. From the graveled forecourt, a walk leads to the Rose garden and to the large kitchen garden at the foot of the mountain, with its deep borders of old Box and gay perennials, and fruit trees along its paths.

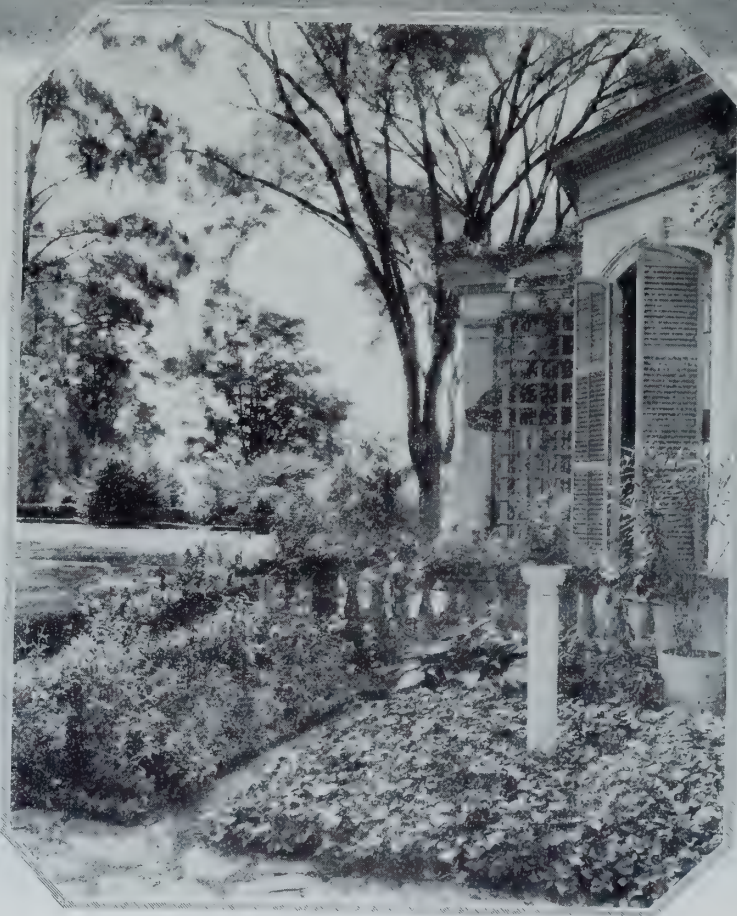
The French doors of the dining room open upon a brick terrace; to the left of them rises the white shaft of a sundial from a bed of dark Ivy; and around the two parts of this terrace, to right and left, lie Box-bordered beds of flowers. This is the outdoor room whose either ends are seen in two of the illustrations. Tables and chairs proclaim the pleasure of the *al fresco* luncheon, and the gravity of the great hedged square outside, with its trees and with woods beyond, gives a sense of remoteness, of rare deep country solitude.

Turn from the delicious look of Italy which appears in the river and mountains, and find a feeling of England. The foreground picture is totally different. Here



M. E. Hewitt

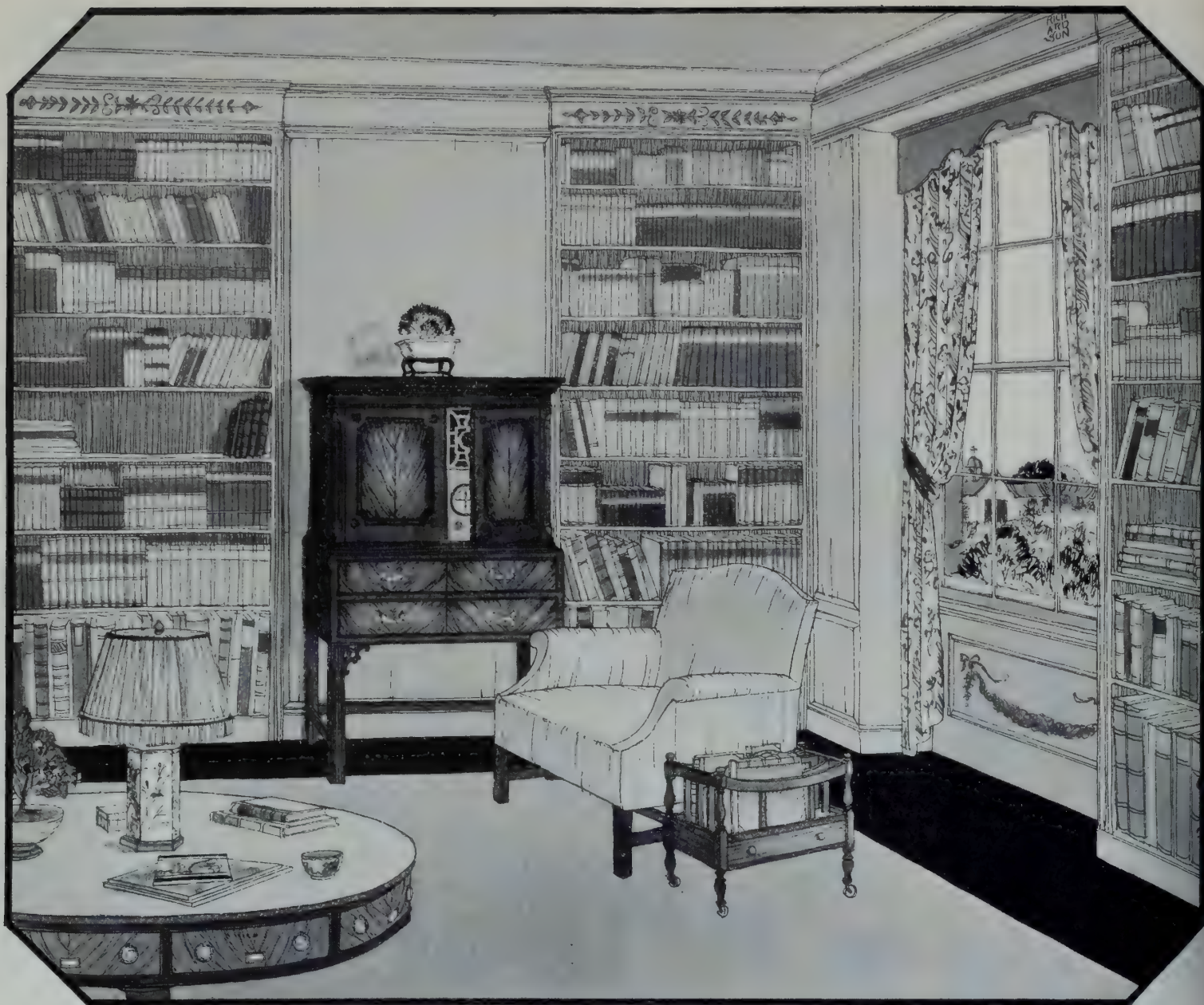
Hardly another landscape effect is lovelier than that of broad level lawns set regularly with towering trees. In this scene there could be no sense of crowding



Off the terrace this sundial rises from a bed of Ivy. The open lawn beyond ends at the top of a slope from which may be seen the river and the mountains

are smooth shaded spaces of green lawn, outlined by hedges forming three broad terraces, rising one above the other and connected by grass steps. The lowest terrace is the level of the pool; the next two, each four steps higher than the other, are bordered by magnificent trees, while the highest of all is reached by a soft flight of green steps at least twelve in number. Flanking these steps the steep bank is furnished with low evergreen shrubs of uncommon kinds, Myrtle and Ivy lending their rich greens. A balustrade marks the top of this high terrace which, with more beauti-

ful Maples to the right and a gorgeous mass of them to the left and far beyond, is all seen against the nearly perpendicular side of a mountain in the rich setting of an American October. Words can scarcely give the beauty of this picture as I see it. Panels of smooth grassy space, clean lines of clipped hedge, vivid green stairways set in slopes of dark low shrubs (stairways like the one at St. Catherine's Court near Bath), all make a foreground for a tapestried mountain beyond. Well to the right on the highest terrace, roofed over by
(Continued on page 108)



When a radio is used in a library it may be enclosed in a cabinet designed to harmonize with the other furnishings. The Chippendale cabinet above, so effectively placed between built-in bookshelves is from the Aeolian Company



THE RADIO BECOMES A DECORATION

AFTER having coped with such decorative problems as unsightly radiators, telephones and phonographs, the matter of adapting the radio to a certain scheme of decoration presents few difficulties to anyone possessed of a little ingenuity. In the first place the horn has been dispensed with, the majority of sets being equipped with a

loud speaker—that unfortunate term—a small box-like arrangement at the top. In addition to these compact sets are the countless pieces of furniture, distinguished in line and workmanship, designed especially to hold a receiving set. These cabinets, for they are mostly cabinets although occasionally we find a radio set in a desk or commode, are made in various period styles, in staple woods or painted to conform with the decorative scheme.

An excellent example of a cabinet designed especially for a radio is the Chip-

For a living room or library comes an attractive cabinet in walnut and mahogany that contains both a radio and phonograph. Courtesy of the Brunswick-Balke-Collender Company

pendale model shown in the library on the opposite page. The entire receiving set is contained in the upper portion while the drawers below provide space for batteries. A cabinet of this type, in addition to solving the problem of where to put the radio, adds materially to the aspect of a room. In this case it is effectively placed between built-in bookshelves—its dark wood a nice contrast to the paneled walls painted a light coffee color and striped in the moldings with red. This warm red tone is found again in the leather covering of the chair, in the design of the chintz and in the book bindings. A different and very decorative treatment has been carried out in the sunroom at the right. Here a radio is set in a niche in the wall. The background and sides of the doors are painted with landscape scenes—a colorful and interesting note against the cream colored plaster walls.

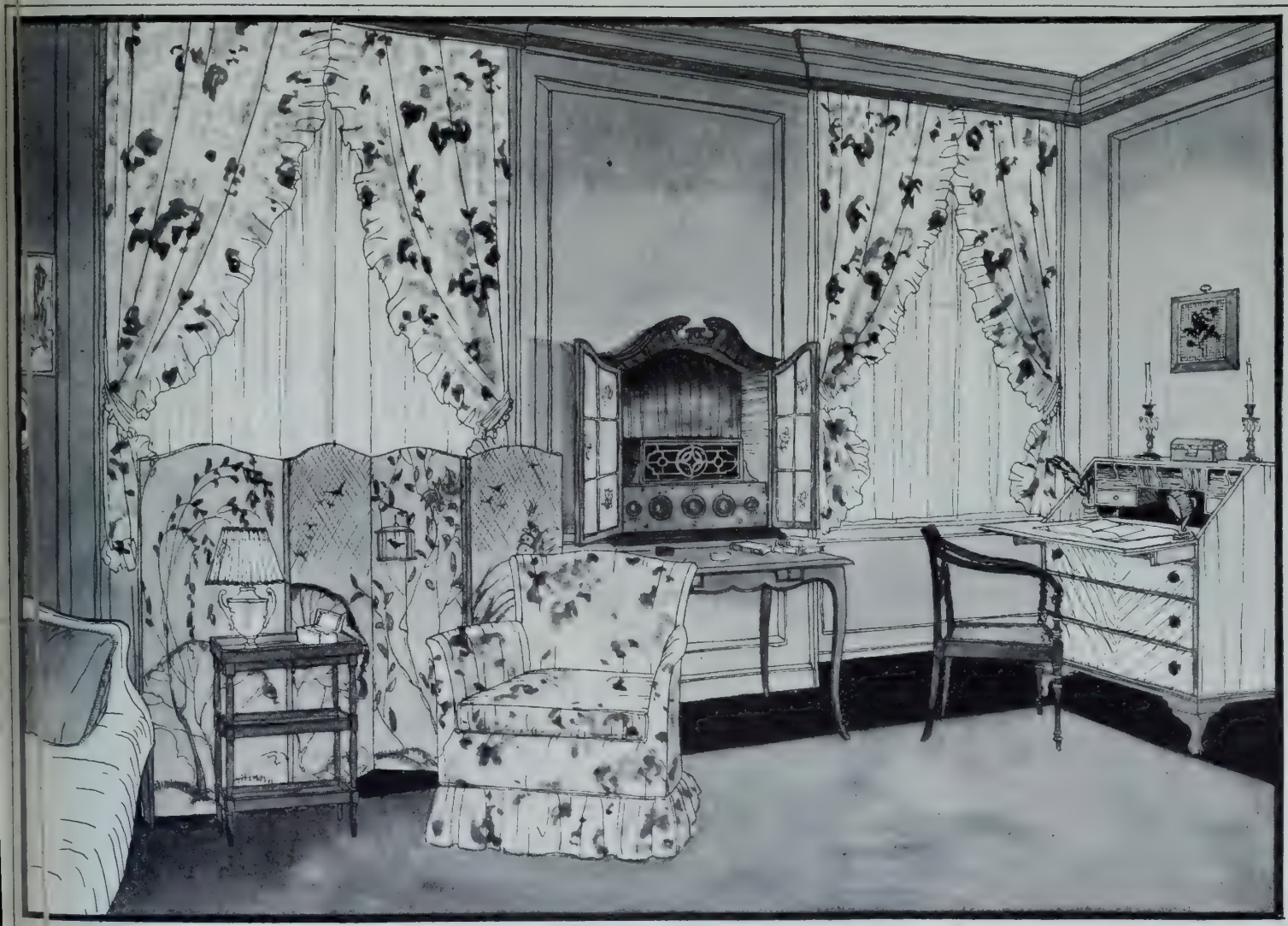


When the doors are closed they are apple green, to match the rest of the trim. The wicker chair is blue with stripings in apple green and the cushion is orange, green and blue glazed chintz. The floor is covered in a black and cream block patterned linoleum.

In place of a painted design, the background and doors might be done in a colorful scenic paper. Or, more striking still, use the panels of a Chinese screen, preferably one in gold and lacquer red, for the inside and the doors. If the family is large, with many radio enthusiasts, this space in the wall could be cut through to the next room, making the radio accessible to both sun porch and living room.

In the attractive small sitting room below a radio receiving set is placed in a small hanging cabinet. It is not apparent when the doors are closed as these are fitted with pieces of mirror and decorated with painted flower designs.

In an informal chintz-hung sitting room a radio set fits nicely into a small hanging cabinet. The Freed-Eisemann Company



(Right) In a sunroom a small receiving set may be placed in a niche in the wall. From the Radio Corporation of America

WOMEN IN HORTICULTURE

*The Growing Interest in Gardens and Gardening Has
Opened New Fields of Education and Activity for Women*

THE lineage of women in horticulture is extensive and ancient. The work involved in preparing the soil, sowing it, giving it culture and reaping the harvest, this work has always fallen into that circle which is known as domestic. And since women have been rulers of the domestic sphere, their activities have included the meadow, the orchard, the vineyard and the cattle byre.

Wherever you find a peasant or a pioneer country, you find women sharing with men these arduous labors. The economic reasons are obvious. Just so soon as these economic demands are removed, however, women leave the fields and retire to the house. Then, after a time, they emerge again and are found busy beautifying the grounds around the house. It would seem that women cannot, for long, renounce contact with the soil and the things the soil produces. They start with food; they end in flowers. Today, in this country at least, the majority of amateur gardeners are women; women comprise the bulk of garden club members; they write most of our garden books; in short, they are powerful and active in a sphere that is theirs by heritage.

So far, save for a few instances, they have made the garden only a place for pleasure, for the satisfactory exercise of a hobby. Gardening as a work for women is a practically untouched field. True, we have women landscape architects, charming and intelligent ladies who pursue their profession ardently and with success. But we are sorely in need of women who can take up gardening as a work. We need garden consultants and gardeners. Opportunity awaits them. Heretofore the profession of interior decoration has been considered an occupation par excellence for ladies, with the result that we have far more women decorators than we need. In New York and the other big cities they are almost as plentiful as doctors. But the garden story is different. Go into the suburbs and into the country, and you find women workers few and far between.

THE work that women can do in our suburban and country districts falls into two distinct classes—the average, day-to-day gardening, and the designing and planting of gardens. The latter is the profession of landscape architecture and the former is as yet unnamed because only few such workers can be found.

We have plenty of landscape architects to do the big places; what we need are specialists in little gardens. We need women who will Woolworth the idea of good garden design for the small place.

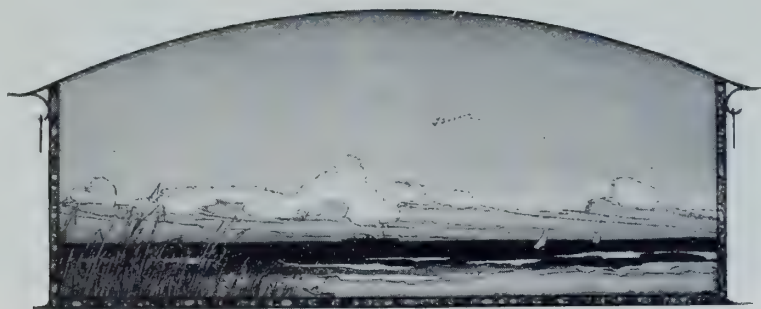
The second class, garden workers, may not require so technical an education as the landscapers; the field of their training may cover all the activities on a country place. Here again there is a demand. In every suburb and country district you hear the same complaint—people can't have gardens because they can't find the men to work in them. Why not, then, find women? Save for

the heavy work of plowing and harvesting, hauling and loading carts, there is very little garden or farm work that a strong healthy girl cannot do and do supremely well.

You have a small country place, for example. It includes a kitchen garden, lawns, flower borders, a cutting garden, perhaps a garden of small fruits and a little orchard. You have depended upon uncertain local labor or have been under bondage to a man who is lazy or loves his bottle to excess. You pay him more than he is worth and, after a few years, give up in disgust. What would you think of trying a woman? Or two women?

IT is not to be expected that women gardeners and landscape architects will leap full-fledged from the bosom of their families. Each of these spheres of work requires training and specialized education. Some of our agricultural and landscape schools have courses that are open to women, but, apropos of this subject we would like to call your attention to two schools that offer courses for women alone. We refer to Lowthorpe, a school of landscape architecture for women, at Groton, Mass., and to the School of Horticulture for Women at Ambler, Pa. The former institution, founded in 1901 by Mrs. Edward G. Low (whose picture you will find on page 100 of this issue) offers a three-year course in landscaping and kindred subjects. The Ambler school, founded in 1910 by Miss Jane B. Haines (who also is pictured on page 100) offers a two-years' practical training in the various branches of horticulture, from landscaping to dairying, poultry and bee keeping. Each of these schools has its own field and produces its own kind of trained woman. This year these schools are seeking endowment funds with which to continue and improve their work. They are both worthy the support of garden enthusiasts.

SUCH schools as these open up a new field of education for the young woman, a field that is not to be neglected or despised. A knowledge of flowers and gardening is fast becoming one of the requisites for the intelligent woman. The growth of interest in gardening has brought about such a state of affairs that the well-educated woman of today would as soon acknowledge her ignorance of flowers as to acknowledge her ignorance of children. The really "smart" young lady is no longer ashamed of the garden soil upon her hands; in fact, she boasts of it. Such schools as the two we have mentioned offer a new form of "finishing". The young lady's head is no longer kept on a level with the cab door but on a level with the Calendulas! She has entered upon a work new, refreshing and beautiful to her, but a world old to her sex—as old as Eve and her appetite for apples, as beautiful as Ruth cropping the wheat.





Gillies

A LIGHT AND LOFTY PORCH

This two-story porch with its tall slender columns is typical of western Connecticut, and shows how architecture adapts itself to customs and climate. Here the heavy, dignified classic portico idea has been made lofty and shallow to provide more light and air. H. T. Webster, the cartoonist, owner, Wesley S. Bessell, architect



© Asabel Curtis

Penstemon rupicola prefers the crack of a rock for its home and the bouldered hillside for environment



© Asabel Curtis

One of the loveliest Asters that grows in the Mt. Rainier National Park is this small, mountain variety



© Asabel Curtis

Anemone accidentalis, its silvery blossoms thrusting through last year's grasses in Mt. Rainier National Park

FLORAL TREASURES OF OUR WEST

LOUISE BEEBE WILDER

THE frontispiece in the first volume of the late Mr. Farrar's great "English Rock Garden" is our own quaint Bloodroot. And though Mr. Farrar illustrates one hundred and ninety of the world's choicest and most lovely rock plants and alpine, he thus does honor to our familiar friend of roadside and copse. Indeed, throughout this valuable book American plants are continually alluded to with the warmest admiration and interest, especially those of the Western mountains and sweeping prairies.

When I went some years ago to Eng-

land upon a garden pilgrimage I found in the amazing rock gardens many plants of my own country. Gardener and owner pointed them out with eagerness and pride, speaking familiarly of their native homes, the Selkirks, the Olympics, the Rockies, the Sierras, Yosemite, the Ozarks, the sun-baked prairies and high mesas, Mt. Rainier.

I found myself growing speechless with embarrassment, for of not one of these so distinguished plants of American soil had I ever heard or seen! What a deplorable state of affairs! I decided that it should cease; but I found upon investigation at home that there were only two nurseries over the whole West devoting a portion of their business to collecting and selling Western plants, and most of these sales went to foreign dealers, or to foreign private collectors; and the Eastern catalogs

listed none of these Western plants at all.

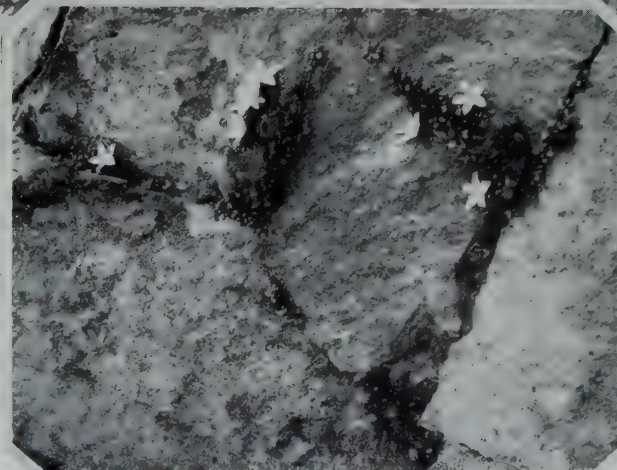
Today the situation is better. The quickly spreading interest in rock gardens, West and East, is creating a demand for small lovely plants from all parts of the world; dealers are answering the call; the two western nurseries before mentioned are adding more and more of the rare mountaineers to their lists, and there are collectors in every state who will gladly sell the wild plants of their neighborhoods or exchange them for plants of yours.

Read such a book as Margaret Armstrong's "Western Wildflowers", and note



© Asabel Curtis

Under the lee of a snow bank in the Olympic Mts. is found this shoal of Avalanche Lilies, *Erythronium montanum*



© Asabel Curtis

Campanula Piperei, a rare Harebell that is found growing only in the Olympic Mts., in narrow cracks of the rock

the beauties shown there. Her lovely illustrations would fill the heart of the keen rock gardener with despair. He felt that the flowers smiling from her pages were wholly beyond his reach. Look at the illustrations given here and know that some of these exquisite small things are growing and thriving in my own

lowland garden. Look at these and realize that an all-American rock garden can be as beautiful and interesting as one furnished from the farthest corners of the earth.

If there is one ray of comfort to be found in the calamitous quarantine that appears so ably designed to (Continued on page 132)

Silvery Artemisia, whose native heath is North Dakota, finds a home in the author's garden at Bronxville, N. Y., forming a feathery background for Alpine Pinks

The rosetted plants in the foreground are California *Leuzias*, or Bitterroot. They blossom well in the author's garden. Their flowers are brilliant rose



HOTBEDS AND COLDFRAMES

Complete Directions Are Given for the Construction, Preparation and Use of These Invaluable Garden Accessories

JOSEPH HENRY SPERRY

HOTBEDS and cold frames are the simplest forms of gardens under glass. They are necessary supplements of outdoor gardens, because they lengthen the garden season and increase the products. For their location a gentle slope with a southern aspect is ideal, but a slope toward the south-east or the south-west or a level spot is satisfactory. It is of paramount importance that the location have good drainage and protection from wind and severe weather.

In their construction are used glazed hotbed sashes; cypress, cedar or pine boards one inch to one-and-a-half inches thick; two by four inch timbers, and No. 8 to No. 12 galvanized wire nails according to the thickness of the boards. The sashes are 6 feet long and 3 feet wide, bought ready for use of greenhouse builders direct, or through a seed store. The boards, timber and nails may be purchased from dealers in lumber and hardware.

Coldframes and hotbeds are made by nailing boards together so as to form a rectangular box without top or bottom. This is 5 feet 11 inches wide outside measurement from north to south, so that the glazed sashes, when placed on it, project one-half inch at each end. The length from east to west is determined by the number of sashes: for example, three feet for one sash, six for two, and so on. Further to illustrate the proportions, a four sash coldframe will measure 12 feet east and west and 5 feet 11 inches north and south *outside measurements*. It is better to use boards wide and long enough, so that only one board is required to form each side of the frame, thus avoiding any cracks in the sides. Boards 16 inches wide are best, but those 14 inches will answer the purpose. Boards 1¼ inches or 1½ inches thick are preferable, but those 1 inch thick, we find, last a long time and are more easily obtained.

AFTER the boards are cut exactly the required lengths, they are set up on edge and the ends fastened together securely with nails driven in 2 inches apart. Next with a carpenter's square the corners are tried to see whether the frame is rectangular.

The rigidity of the cold frame is increased by nailing into each corner up and down a piece of 2 by 4 inch timber as long as the boards are wide. Where the edges of every two sashes meet when on the coldframe, 2 by 4 inch timbers are placed, the

4 inch side up, long enough to reach from inside of and just flush with the north and south edges of the boards, and these timbers are secured in place by nails driven through the north and south boards into their ends. A four sash coldframe requires three of these slides, as they are called, because on these we slide the sashes on and off the coldframe. Coldframes can be purchased, ready to put together, from greenhouse building companies which sell hotbed sashes.

NEXT the surface of the ground is leveled and the coldframe set in place. The earth is dug out under the edge of the board on the north side deep enough so that it will enter the ground about 2 inches, and on the south side so that this board will enter the ground about 4 inches, and under the edge of the boards at each end we dig out the earth from 2 inches deep at the north to 4 at the south. This gives the coldframe a slant to the south, so that, when the sashes are on, *with the thicker end rail of the sash to the north*, the rain when falling on these readily flows off.

We are giving in seemingly needless detail the measurements and manner of building a simple structure, because we know from our own experience how disappointing it is for a novice to find, after his frame is finished, that he has made a mistake.

The coldframe and hotbed are identical in construction; they may be separate structures, located conveniently near each other, or the space under one or more sashes at one end of the coldframe may be separated from the rest of the frame by a wooden partition and used as a hotbed.

The month of March is the time to make the hotbed. The soil is thrown out of the inside of the frame, no matter whether it is a separate structure or a part of the coldframe, to a depth of about 18 inches, saving in a pile the richer surface soil to a depth of about 6 inches, and banking up the rest against the outside of the hotbed. Enough horse manure, or a 50-50 mixture of horse manure and leaves, is used to fill the hotbed right up to the top of the frame. Before putting it into the hotbed, it is thrown into a pile near the hotbed and forked over two or three times at intervals of one or two days, wetting it if dry. Then the pile is put quickly into the hotbed, stamped down as it is put in. The whole mass, when it is in, should be about 18 inches deep, almost entirely filling the excavation. The soil saved

is sifted through a coal ash screen on top of the manure to the depth of about 4 inches having previously been mixed with a quart of bone flour or high-grade, well-balanced chemical fertilizer to each bushel of soil and the surface raked perfectly level. When a thermometer, placed in the bed shows a night temperature of about 75 degrees, the beds are ready for the seeds to be planted.

The temperature of the bed should be kept about 75 degrees by day and about 60 at night. This is controlled by day through lifting the north end of one or two sashes on blocks of wood, and by night through covering the sashes with hotbed mats which can be purchased in a seed store. The soil in the bed we always keep moist, but not soggy, by applying water in the form of a spray only, with watering pot or spray pump. Radishes sown in the hotbed are allowed to remain until ready for use, and also certain varieties of small table Beets and Carrots, Onion sets, and sometimes Lettuce which has been wintered over in the cold frame and transplanted into the hotbed.

If the ground within the coldframe is merely sand or gravel, it should be removed to a depth of a foot or more and rich loam substituted; but if it is a sandy or clayey loam, it is not changed, but a spread of well rotted horse or cow manure 4 to 6 inches deep, or of sheep or hen manure 2 or 3 inches deep is applied on the surface. Next the soil is dug over to the depth of one or more feet, mixing the manure thoroughly with the soil, and pulverizing both. Then the surface is given a spread of pure bone flour sufficient to whiten it well, and the surface made level by raking.

SEEDLINGS are transplanted from the hotbed into this well prepared cold frame, in north and south rows, about 3 inches apart, the plants 2 inches apart in the row. These plants are again transplanted into the open garden, before they are large enough to crowd each other. The transplanted plants should be watered in the same way the seedlings are watered in the hotbed, shaded from the sun till they begin growing, and protected at night against late frosts by mats placed over the sashes. When necessary, the beds are ventilated by raising the north ends of the sashes, and as the weather grows warmer in daytime the sashes may be taken off entirely so as to have short, stocky and sturdy plants to set out in the garden.

HOUSE & GARDEN'S

GARDENING GUIDE

In the first of the following lists the perennials and annuals are alphabetically arranged. The directions refer to methods of planting and propagation, and to the most suitable soil and exposure. The lists comprise leading species and varieties.

ANNUALS AND PERENNIALS

COMMON NAME	BOTANICAL NAME	COLOR	HEIGHT	SEASON OF BLOOM	DIRECTIONS
ANNUALS					
African Daisy	Arctotis	Blue and white	24"	July to Nov.	Sow seeds in warm soil in Spring; transplant to 18" apart
Anemist	Browallia alata	Blue, white	3"	June to Oct.	Sow seed in warm soil; thin to 6" apart
Butterfly Flower	Schizanthus	Blue	24"	June to Oct.	Sow in late Spring; transplant 18" apart with ball of earth; stake
California Poppy	Eschscholtzia	Various	12"	June to Nov.	Sow in Fall or Early Spring; thin to 8" apart; transplants poorly
Calliopsis	Coreopsis drummondii	Yellow	18"	June to Oct.	Sow directly in the border; thin to 10" apart; sun
China Aster	Calistephus hortensis	Various	18"	Aug. and Sept.	Water seed before sowing and cover with sand; set out 16" apart; sun
Clarkia	Clarkia elegans	White, rose	18"	July to Oct.	Sow outdoors in early Spring, or in Fall with Winter protection; sun
Cosmos, vars.	Cosmos	Various	60"	Sept. to Nov.	Start in hot-beds in March; set out in warm soil; stake; sun
Floss Flower	Ageratum, vars.	Blue	12"	August to Nov.	Sow seed in warm soil outdoors; pick faded flowers for more bloom
Four o'Clock	Mirabilis	Red	24"	August to Nov.	Sow seeds thinly in rows in warm soil; thin to 18" apart
Garden Balsam	Impatiens balsamina	Various	18"	July to Sept.	Sow outdoors in May; rich, sandy soil; sun
Gilliflower	Matthiola, vars.	Various	18"	June and July	Sow indoors and out, for long bloom; transplanting beneficial; 12" apart
Lobelia	Lobelia erinus	Blue	6"	June	Sow the fine seed indoors in March; plant outside 7" apart
Love-in-a-mist	Nigella damascena	Blue, white	18"	May to Oct.	Sow seeds in Spring or Fall; thin to 10" apart
Marguerite	Chrysanth. coronarium	Yellow	36"	August to Nov.	Sow seed in open in April; set 12" apart; pinch back; sun
Marigold	Calendula	Orange	12"	July to Nov.	Sow seed outside in early Spring; thin to 12" apart
Mignonette	Reseda, vars.	Pinkish white	10"	June to Oct.	Sow seed in open; thin to 8" apart; will not transplant readily
Moss Verbena	Verbena erinoides	Blue, white	8"	July to Sept.	Sow seed indoors in March; outside later for continuous bloom
Orange Daisy	Dimorphotheca, vars.	Orange	18"	May and June	Sow outside in warm soil; thin to 12"-18" apart
Painted Tongue	Salpiglossis	Violet blue	24"	June to Sept.	Sow the fine seeds carefully in warm soil; set out 6" apart; sandy
Petunia	Petunia, vars.	Various	12"	June to Oct.	Sow best grade of seeds outside in May; thin to 9" apart
Pincushion Flower	Scabiosa atropurpurea	Various	30"	June to Nov.	Sow seeds outside in May; transplant to 8" apart; remove seed heads
Prickly Poppy	Argemone grandiflora	White	24"	July to Nov.	Sow seeds thinly to avoid transplanting; will re-sow itself
Rock Speedwell	Veronica rupestris	Purple	4"	May and June	By seed or division in good sandy soil; sun
Sanvitalia	Sanvitalia, vars.	Yel. and purple	6"	June to Nov.	By seed in Spring, thin to 8" apart
Satin Flower	Godetia grandiflora	White, rose	8"	June to Oct.	Blooms better in poor and sandy soil than in rich loam
Seven Sisters	Portulaca, vars.	Various	5"	May to Oct.	Rake seeds lightly into soil; thin to 4" apart
Snapdragon	Antirrhinum, vars.	Various	18"	June	Sow outdoors in warm soil; transplanting seedlings to 12" apart
Sweet Alyssum	Alyssum maritimum	White	10"	May to Oct.	Sow seed month apart for continuous bloom; thin to 7" apart
Tassel Flower	Emileia flammica	Orange	18"	June	Sow seeds in early Spring; thin to 4" apart
Wishbone Flower	Torenia, vars.	Yel. and lav.	12"	June to Nov.	Sow indoors in late March; transplant into warm soil
Zinnia	Zinnia elegans	Various	30"	Aug., Sept.	Sow seed in cold frame in March; transplant to shallow boxes; set out 18"
PERENNIALS					
American Senna	Cassia Marylandica	Yellow	60"	July, August	By seed or divisions; cut down after blooming; moist or dry soils; sun
Avens	Geum Heldreichi	Orange	12"	May and June	By seed or division; in moist soil; sun
Baby's Breath	Gypsophila paniculata	White	30"	June to Sept.	By seed, cuttings, or divisions; dry; sun
Balloon-flower	Platycodon grandiflorum	White, purplish	30"	July to Nov.	By seed or division; in sandy, well drained soil; sun or part shade
Beard-tongue	Platycodon Marieti	Blue, white	18"	June to Oct.	By seed, or less easily, by division; cut stems to ground in Fall
Blanket Flower	Pentstemon barbatus	Orange	48"	June, July	By seed or division; sandy soil; sun, use plenty of well rotted manure
Bleeding Heart	Gaillardia grandiflora	Various	24"	June to Nov.	By seed, cuttings, or divisions; will generally not come true to parent seed
Blue Bonnet	Dicentra spectabilis	Rose	24"	April to June	By division; in rich, light loam; partial shade
Bugle	Scabiosa caucasica	Lavender	20"	May to Oct.	By seed or divisions; protect in Winter; rich soil; sun
Butterfly Weed	Ajuga reptans	Purplish	10"	May to June	By seed or division; not particular as to soil; sun or shade
Candytuft	Asclepias tuberosa	Orange	24"	July and Aug.	By divisions; prefers dry soil; full sun; cut down after blooming
Canterbury-bells	Iberis sempervirens	White	10"	April and May	By seed, cuttings or divisions; one of the best foreground plants
Cape Hyacinth	Campanula medium	Various	36"	June, July	Set out young plants in May; treat as biennials; sun
Cardinal Flower	Gaithia candidans	White	48"	July, Aug.	By offsets or seed; in light, rich soil; sun; protect in cold sections
Carpertian Hare-bell	Lobelia cardinalis	Various	24"	July and Aug.	By seed, cuttings, or divisions; moist, rich soil; sun or part shade
Chickweed	Campanula carpatica	Blue, white	10"	June to Oct.	By seed, cuttings, or divisions; rock-garden; rich soil; sun
Chinese Larkspur	Cerastium tomentosum	White	8"	May and June	By cuttings or divisions; for dry, sunny places in foreground
Chalk Plant	Delphinium sinense	Blue, white	24"	June to Oct.	By seed, cuttings, or divisions; deep, rich, sandy soil; sun
Chrysanthemum	Gypsophila repens	Rose	5"	June and July	By seed, cutting, or division; dry; sunny
Columbine	Chrysanthemum indic.	Various	30"	Sept. and Nov.	By seed and cuttings; in rich, light soil; sun; protect in Winter
Columbine	Aquilegia caerulea	Bluish	16"	May and June	By seed; easily affected by nearby varieties; sandy soil; sun
Cone-flower	Aquilegia vulgaris	White	30"	May, June	By seed or seedlings; rich, moist, sandy, well drained soil; sun
Coral-Bells	Rudbeckia speciosa	Orange	30"	July, Aug.	By divisions or cuttings; not particular as to soil; sun or part shade
Coreopsis	Heuchera sanguinea	Red	12"	May to Sept.	By seed or divisions; in sun or partial shade
Cowslip	Coreopsis lanceolata	Yellow	24"	May to Sept.	By seed or divisions; not particular as to soil; sun
Double Sneezewort	Primula veris	Yellow	10"	April and May	By seed, or by division immediately after flowering; partial shade
Propwort	Achillea ptarmica	White	24"	May to Oct.	By cuttings or divisions; in rather moist soil; sunny exposure
Swarf Aster	Sciraea filipendula	Yellow	6"	June	By seed in Spring, or division; dry; sunny
Swarf Iris	Aster alpinus	Bluish purple	10"	May and June	By divisions; will grow best in partial shade
Swarf Starwort	Iris pumila	Various	8"	April and May	By divisions; spreads rapidly; good foliage; sun or partial shade
Swarf Peony	Aster ptarmicoides	Red and yellow	18"	July and Aug.	By seed or division; not particular, but appreciative of good soil; sun
Swarf Phlox	Paeonia officinalis	Various	30"	May, June	By division in early Fall; light manure mulch in Winter; sun or part shade
Swarf Daisy	Phlox suffruticosa	Various	24"	May to July	By divisions; divide every three years in late Fall; rich, moist soil; sun
Swarf Primrose	Bellis perennis	Pink, white	6"	April to June	By seed in Spring, or by division in Sept.; moist; sunnvy
Swarf Primrose	Oenothera fruticosa	Light blue	20"	June and July	By seed or cuttings; in dry sandy soil; sun
Swarf Camomile	Oenothera macricarpa	Yellow	16"	June to August	By cuttings or divisions; for the foreground; dry; sun
Swarf Dragon's-head	Boltonia latissuama	Rose	60"	July to Oct.	By division; prefers moist soil; sun
Swarf Indigo	Physotegia Virginica	White, rose	30"	June to Sept.	By division in Spring; rich, moist soil; sun
Swarf Goat's-beard	Baptisia australis	Deep blue	30"	June	By seed or divisions; for the back of the border; any soil; sun
Swarf-leaved Yarrow	Astilbe davidi	Pink	60"	June, July	By divisions; not particular as to soil; partial shade
Swarf	Achillea filipendula	Yellow	48"	July	By seed, cuttings, or divisions; dry soil; sun; requires staking
Swarf-me-not	Linum perenne	Blue	18"	May to Aug.	By seed or division; light, rich soil; sun
Swarf	Myosotis palustris	Pale blue	10"	May to Oct.	By seed, cuttings, or divisions; will spread very rapidly
Swarf	Digitalis purpurea	Various	36"	June, July	By seed; best treated as biennial; light, moist soil; sun or part shade
Swarf	Dictamnus fraxinella	White	30"	June, July	By newly ripened seed in open ground, blossoming three years later; sun
Swarf	Valeriana officinalis	Lavender	36"	May to Aug.	By seed or divisions; any sunny location; spreads quickly
Swarf	Liatis pycnostachya	Purple	54"	July, Aug.	By Fall sowing or by divisions; rich, light soil; partial shade
Swarf	Iris germanica	Various	30"	May, June	By divisions immediately after blooming season; rich soil; sun
Swarf	Chrysanthemum max.	White	18"	June to Nov.	By seed, cuttings, or divisions; mulch and water well while growing
Swarf	Pyrethrum uliginosum	White	54"	Aug., Sept.	By seed, cuttings, or divisions; rich, moist, heavy soil; sun
Swarf	Aquilegia caerulea	Yellow	36"	May to August	By early sown seed or division; deep, moist, sandy loam; sun
Swarf	Anemithus tinctoria	Yellow	24"	May to Oct.	By seed or division; plant in large clumps; any soil; full sun
Swarf	Helianthus mollis	Deep yellow	48"	July to Sept.	By seed or division; thrives in any soil; sun
Swarf	Phlox paniculata	Various	36"	June to Oct.	By division; rich, moist soil; sun; cut back
Swarf	Helianthus rigidus	Yellow	60"	Aug., Sept.	By divisions; light, dry soil; sun; transplant often for good development
Swarf	Althaea rosea	Various	60"	July, Aug.	By seeds and cuttings; deep, rich soil; sun; may require staking
Swarf	Veronica incana	Blue	10"	July and Aug.	By seed or division; prefers sandy soil; sun
Swarf	Papaver nudicaule	White, red, yel	12"	May to Oct.	Sow seed early in rich soil; sun; re-sow every other year
Swarf	Polemonium caeruleum	Various	24"	May to Aug.	By seed sown in Fall, or by divisions; moist, rich soil; part shade

HOUSE & GARDEN'S GARDENING GUIDE

ANNUALS AND PERENNIALS—CONTINUED

COMMON NAME	BOTANICAL NAME	COLOR	HEIGHT	SEASON OF BLOOM	DIRECTIONS
Japanese Iris	<i>Iris laevigata</i>	Various	36"	June, July	By divisions immediately after blooming; water well; rich soil; sun
Japanese Primrose	<i>Primula japonica</i>	Various	18"	May to July	By newly ripened seed, or by division immediately after flowering; shade
Jerusalem Cross	<i>Lychnis chalcedonica</i>	Red	36"	June, July	By seed or divisions; light, rich soil; full sun
Larkspur	<i>Delphinium belladonna</i>	Blue	36"	June to Nov.	By seed, cuttings, or divisions; seed sown in August will bloom in June; sun
Larkspur	<i>Delphinium hybridum</i>	Blue to purple	60"	June to Nov.	By seed, cuttings, or divisions; seed sown in August will bloom in June; sun
Lead-wort	<i>Plumbago larpentae</i>	Purple	10"	Aug. to Nov.	By division; light soil; sun; light protection in Winter
Leopard's-bane	<i>Doronicum plantaginum</i>	Orange	30"	April, May	By divisions; in rich, well drained soil; sun
Loosestrife	<i>Lysimachia clethroides</i>	White	30"	June to Aug.	By seed or divisions; prefers moist soil; sun
Lupine	<i>Lupinus polyphyllus</i>	Various	40"	May, June	By seed or division; do not disturb after planting; any soil; sun
Meadow Sage	<i>Salvia azurea</i>	Blue	40"	Aug., Sept.	By seed or division; light, sandy soil; slight protection in Winter; sun
Meadow Sweet	<i>Spiraea astilboides</i>	White	14"	June	By seed, or better, by divisions; prefers moist soil; part shade
Michaelmas Daisy	<i>Aster grandiflorus</i>	Purplish	30"	Sept. to Nov.	By seed or division; rich, moist soil; the best of the hardy asters
Mist Flower	<i>Eupatorium coelestinum</i>	Blue purple	20"	Sept. and Oct.	By cuttings; any soil; sun; protect in Winter
Monk's hood	<i>Aconitum napellus</i>	Purple	48"	Aug., Sept.	By divisions; rich, moist soil; partial shade; requires staking
Mountain Blue	<i>Centaura montana</i>	Yellow	20"	May to Sept.	By seed or seedlings; any soil; sun
Mountain Pink	<i>Phlox subulata</i>	Various	10"	April and May	By seed, cuttings, or division; will spread; dry soil; sun
New England Aster	<i>Aster Novae-Angliae</i>	Rose, lavender	48"	Sept. to Nov.	By seed or divisions; in any soil; preferably moist; sun
New York Aster	<i>Aster Novi-Belgi</i>	Rose, lavender	48"	Sept. to Nov.	By seed or divisions; in any soil; sun
Oriental Larkspur	<i>Delphinium formosum</i>	Purple	36"	June to Nov.	By seed, cuttings, or divisions; seed sown in August blooms in June
Oriental Poppy	<i>Papaver orientale</i>	White	30"	May, June	By newly ripened seed or by division in August; do not disturb; sun
Ox-eye	<i>Heliois laevis</i>	Orange	36"	July, Aug.	By division; divide fairly often; dry soil; sun
Pink Meadow Rue	<i>Thalictrum aquilegifol.</i>	Rose	46"	May to July	By seed or division; well drained soil; sun or part shade
Plume Poppy	<i>Bocconia cordata</i>	Pinkish	60"	July	By seed or by suckers; apt to spread vigorously; any soil; sun
Poppy Mallow	<i>Callirhoe involucrata</i>	Red	10"	June to Nov.	By seed, or by cuttings; light soil; prefers sun
Purple Cone-flower	<i>Echinacea purpurea</i>	Purple	36"	June to Nov.	By seed or divisions; rich, sandy soil; full sunlight
Pyrethrum	<i>Pyrethrum hybridum</i>	Various	18"	June and July	By division in Spring; in rich, sandy, well-drained soil; sun
Red-hot-Poker Plant	<i>Tritoma pfitzeri</i>	Orange	30"	Aug. to Nov.	By division; protect south of Philadelphia; take up rhizomes in North
Red Sneezeweed	<i>Helenium autumnale</i>	Red	54"	July, Aug.	By seed, cuttings, or divisions; moist, rich soil; sun; susceptible to aphids
Rock Madwort	<i>Alyssum saxatile comp.</i>	Yellow	12"	April and May	By seed, cuttings, or divisions; cut back first blooms for second
Rose-campion	<i>Agrostemma coronaria</i>	White, crimson	30"	June, July	By seed; not particular as to soil; sun
Rose Loosestrife	<i>Lythrum salicaria</i>	Rose	36"	July, Aug.	By division; unparticular as to soil or exposure
Rosy Meadow-Sweet	<i>Spiraea palmata</i>	Pinkish	30"	June to Aug.	By seed or divisions; moist, rich soil; partial shade
Scotch Pink	<i>Dianthus plumarius</i>	Various	10"	May and June	By seed or divisions; divide every three years; sun
Sea Lavender	<i>Statice latifolia</i>	White	18"	July and Aug.	By seed sown in Spring; do not disturb after planting; sandy; sun
Shrubby Clematis	<i>Clematis davidiana</i>	Blue	36"	July, Aug.	By cuttings or divisions; mix lime in soil; water well; sun; stake
Siberian Iris	<i>Iris sibirica</i>	Various	30"	May, June	By division; plant deep and water well; rich soil; sun
Sneezeweed	<i>Helenium autumnale</i>	Yellow	54"	Aug., Sept.	By seed, cuttings, or divisions; moist, rich soil; sun; susceptible to aphids
Speedwell	<i>Veronica longifolia</i>	Blue	24"	July to Sept.	By seed or divisions; in rich soil; sun
Spiderwort	<i>Tradescantia virginiana</i>	Blue	24"	May to Sept.	By cuttings or divisions; any soil; sun or part shade
Spring Adonis	<i>Adonis vernalis</i>	Yellow	12"	April and May	By newly ripened seed, or divisions; sandy soil; shade
Stoke's Aster	<i>Stokesia cyanea</i>	Blue	18"	June to Nov.	By division; sandy soil; sun
Swamp-rose	<i>Hibiscus</i>	Various	60"	Aug. to Oct.	By seed or division; in moist soil; partial shade
Spring Windflower	<i>Anemone sylvestris</i>	Pink	16"	April to June	By division; in rich soil; shade
Sweet William	<i>Dianthus barbatus</i>	Various	14"	May and June	By seed sown in July for next year's bloom; poor soil will do; sun
Tree Peony	<i>Paeonia moutan</i>	Various	48"	May	Plant roots after August; prepare deep, well manured soil; the largest peony
Tufted Pansy	<i>Viola cornuta</i>	Blue	6"	April to Nov.	By seed, cutting, or division; in sun or partial shade
White Rock-cress	<i>Arabis albidia</i>	White	10"	April and May	By seed, cuttings, or divisions; will grow well in poor soil; sun
Windflower	<i>Anemone japonica</i>	Various	30"	Sept. to Nov.	By seed or divisions; should not be disturbed; protect slightly; shade
Woolly Yarrow	<i>Achillea tomentosum</i>	Yellow	10"	May, June	By seed, cuttings, or divisions; in poor, dry soil; sun
Yellow Day-Lily	<i>Heimerocallis flava</i>	Yellow	30"	May, June	By division; thrives best in rich, moist soil and partial shade
Yellow Foxglove	<i>Digitalis ambigua</i>	Yellow	30"	June, July	By seed or divisions; light, moist soil; part shade; keep cut back

SUMMER FLOWERING BULBS

Gold-banded Lily	<i>Lilium auratum</i>	Cream to purple	36"	July, Aug.	Plant on layer of sand in well prepared soil, 6" below surface; mulch; sun
Bate's Lily	<i>Lilium elegans</i>	Apricot	30"	July, Aug.	Do not let manure come in direct contact with any of the lilies; same as above
Madonna Lily	<i>Lilium candidum</i>	White	36"	June, July	Plant 4" below surface in well drained soil; except for depth, same as above
Thunberg's Lily	<i>Lilium thunbergi</i>	Orange	24"	June, July	Bulb should be covered with light soil mixed with leaf mould; 6" below surface
Henry's Lily	<i>Lilium henryi</i>	Spotted orange	72"	Aug., Sept.	Same as above
Japanese Lily	<i>Lilium speciosum</i>	Spotted white	36"	Aug. to Sept.	Same as above
Turk's-Cap Lily	<i>Lilium superbum</i>	Spotted orange	60"	June, July	Same as above
Tiger Lily	<i>Lilium tigrinum</i>	Spotted orange	48"	July, Aug.	Same as above
Siberian Coral Lily	<i>Lilium tenuifolium</i>	Scarlet	24"	June	The base of the bulb should come 4" below the surface of the ground
Summer Hyacinth	<i>Hycinthus candicans</i>	White	42"	Aug., Sept.	Set out in well drained soil mixed with leaf mould; may require staking; sun
Gladiolus	<i>Gladiolus, vars.</i>	Various	36"	Aug., Sept.	Set pits out in light, friable soil, mixed with peat; succession of plantings
Crow Foot	<i>Ranunculus</i>	White, yellow	18"	June	Single and double forms; easily grown; good for cuttings
Fairy Lily	<i>Zephyranthus</i>	White, pink	10"	June to Sept.	Plant in clumps in the foreground of the border; store in warm place
Giant Asphodels	<i>Eremurus, vars.</i>	Various	72"	June, July	Plant in rich, well drained soil; may require staking
Blazing Star	<i>Montbretia crocos.</i>	Red	36"	June to Oct.	Plant in rich, well drained soil; sun

ANNUAL AND PERENNIAL VINES

COMMON NAME	BOTANICAL NAME	CHARACTER	DIRECTIONS
ANNUALS			
Cup-and-saucer Vine	<i>Cobea scandens</i>	Light violet, bell shape flowers	Place seed in moist earth, edge down
Hyacinth Bean	<i>Dolichos lablab</i>	Tall and twining; purple and white flowers	Plant from seed
Jap. Morning Glory	<i>Ipomea hederacea</i>	Flowers from white to lavender	Plant seedlings
Moon Vine	<i>Calonyction aculeatum</i>	Fragrant white and purple flowers	Start from seedlings; needs a long, warm season
Morning Glory	<i>Ipomea purpurea</i>	Flowers from white to lavender	Plant seedlings
Scarlet Runner Bean	<i>Phaseolus multiflorus</i>	Purple and white flowers; purplish beans	Plant from seed
Wild Cucumber	<i>Echinocystis lobata</i>	Rapid growing; greenish white flowers	Grow in rich soil in an out-of-the-way place
PERENNIALS			
Akebia	<i>Akebia quinata</i>	Fragrant rosy purple flowers in early Spring	Propagate by layers
Asiatic Creeper	<i>Ampelopsis heterophylla</i>	Splendid for stone and brick walls	Propagate from cuttings in sand
Bittersweet	<i>Celastrus scandens</i>	Shrubby in growth; decorative fruits	Use nursery grown stock
Boston Ivy	<i>Ampelopsis tricuspidata</i>	For masonry walls	Propagate from cuttings in sand
Cut Leaved Vitis	<i>Ampelopsis aconitifolia</i>	For masonry walls	Propagate from cuttings in sand
Dutchman's Pipe	<i>Aristolochia siphio</i>	Robust vine for dense shade	Propagate from cuttings
English Ivy	<i>Hedera helix</i>	Practically evergreen; on walls and ground	Propagate from cuttings in sand
Euonymous	<i>Euonymous radicans</i>	Oval evergreen leaves; a splendid vine	Use nursery grown stock
Honeysuckle	<i>Lonicera, vars.</i>	Rapid grower for covering slopes	Plant seedlings
Hop Vine	<i>Humulus lupulus</i>	Vigorous; beautiful when in fruit	Propagate by division or seed
Japanese Clematis	<i>Clematis paniculata</i>	Covered in Summer with small white flowers	Use young nursery stock
Knotweed	<i>Polygonum bald.</i>	Vigorous; sprays of rosy-tinted flowers	Graft on pieces of its own roots
Kudzu Vine	<i>Pueraria thunbergiana</i>	A very vigorous grower	Plant from seedling
Anemone Clematis	<i>Clematis montana, vars.</i>	White, rose, lavender flowers	Use young nursery stock
Matrimony Vine	<i>Lycium halimifolium</i>	Shrubby; purple flowers; red fruits	Use nursery grown stock
Silver Vine	<i>Actinidea, vars.</i>	White waxy flowers	Plant in rich soil from seed; shelter
Trumpet Vine	<i>Bignonia radicans</i>	A well known favorite	Plant from seedlings
Virginia Creeper	<i>Ampelopsis quinquefolia</i>	Heavier growing than other varieties	Propagate from cuttings in sand
Wisteria	<i>Wisteria, vars.</i>	Fragrant lavender clusters in Spring; long lived	Plant healthy nursery grown stock

VEGETABLES FOR A CONTINUOUS SUPPLY

VEGETABLE AND TYPE	VARIETY	FIRST PLANTING	SUCCESSIVE PLANTINGS WEEKS APART	AMOUNT OR NUMBER FOR 50' ROW	DIRECTIONS
Bean, bush, Green Pod	Early Bountiful	April 15	2-3: to Aug. 15	1 pt. 15" x 4"	In dryest soil available; cover first planting 1" deep.
Bean, bush, Wax	Rust Proof Golden Wax	April 20	2-3: to Aug. 1	1 pt. 18" x 4"	In dryest soil available; cover first planting 1" deep.
Bean, bush, Lima	Burpee Improved	May 1	3-4: to July 15	1 pt. 24" x 6"	Plant with eye down, when there is prospect of dry weather.
Bean, pole	Golden Cluster	April 25	June 15	1 1/2 pt. 4' x 3'	Place poles before planting in rich hills; thin out.
Bean, pole, Lima	Early Leviathan	May 1	June 15	1 1/2 pt. 4' x 3'	Eye down in slightly raised hills; thin to best two.
Beets, Ex. Early	Early Model	April 1	3-4: to Aug. 15	1 oz. 12" x 2"	First planting shallow, about 1/2" deep and thick.
Beets, main and winter	Detroit Dark Red	May 1	3-4: to Aug. 15	1 oz. 12" x 3"	In dry weather, soak seeds; firm well; for winter use sow about three months before harvesting.
Brussels Sprouts	Dalkeith P	June 15	July 15	35 24" x 18"	Transplant at four to six weeks; same treatment as late cabbage; pinch out tops when "buttons" are formed.
Cabbage, Ex. Early	Copenhagen M'k't	April 1 P		35 24" x 18"	Set out well hardened off plants as soon as ground can be worked; fertilize in rows.
Cabbage, summer	Succession	May 1 P	June 1	30 30" x 18"	Light applications of nitrate of soda beneficial; to keep mature heads from splitting, pull enough to loosen roots.
Cabbage, late	Danish Ball Head	July 1 P	July 15	30 30" x 18"	Transplant from seed sown June 1st; use water in bottoms of holes if soil is dry; firm well.
Carrots, Ex. Early	Early Scarlet Horn	April 15	3-4: to Aug. 15	1 1/2 oz. 12" x 1"	First planting thick, 1/2" to 1" deep; thin early.
Carrots, main and winter	Danvers	May 15	July 15	1 1/2 oz. 12" x 2"	Select rich, deep soil to get smooth roots; for storing plant about 90 days before the harvesting time.
Cauliflower, spring and fall	Early Snowball	April 10 P	4: to July 10	35 24" x 18"	Enrich rows; protect from cutworms; plenty of water when heading.
Celery, Early	Golden Self-Blanching	May 1 P	June 1	100 24" x 6"	Enrich rows; plenty of water; hill up to keep stalks upright; blanch two weeks before using.
Celery, late	Winter Queen	June 1 P	July 15	100 36" x 6"	Sow seeds six to eight weeks before transplanting; hill up; store in cellar for winter.
Corn, Early	Golden Bantam	May 1	3: to July 15	1 1/2 pt. 3' x 2'	First planting in dry soil; cover only 1" deep; give protected sunny exposure if possible.
Corn, main crop	Country Gentleman	May 1	4: to July 1	1 1/2 pt. 3' x 3'	Thin to 3 or 4 stalks in hill; plant 3' deep in dry weather; cultivate shallow.
Cucumber, for slicing, etc.	Davis Perfect	May 1	June 15	1/4 oz. 4' x 4'	Enrich hills; thin to 3 or 4 plants; protect from striped beetle.
Cucumber, for pickling	Ever-bearing	June 1	July 1	1 1/2 oz. 4' x 4'	Gather fruits while quite small; keep them all picked for continuous bearing.
Egg-plant	Black Beauty	May 20 P		25 30" x 24"	Enrich hills; give plenty of water; protect from potato bugs.
Endive	Giant Fringed	June 1	4: to Aug. 1	1 1/2 oz. 12" x 12"	Culture same as for lettuce save that leaves should be tied up to blanch for use.
Kohlrabi	White Vienna	April 10	4: to July 10	1 1/2 oz. 15" x 4"	Treatment similar to turnips; thin out as soon as possible; begin to use while small, 1" or so in diameter.
Leek	American Flag	April 15	4: to June 15	1 1/2 oz. 15" x 3"	Transplant at size of lead pencil to deep, well enriched trenches, hill up to bleach.
Lettuce, loose leaf, for spring	Grand Rapids	April 10 P	3: to May 20	50 12" x 6"	Sow seed when plants are set out, and for succession plantings, thinning out early.
Lettuce, spring and fall	Big Boston	April 10 P	3: to May 20	50 12" x 8"	Thin out early; for fall, plant July 15 to August 15.
Lettuce, "Crisp Head," for summer	Brittle Ice	May 15	June 15	1 1/4 oz. 12" x 10"	Give plenty of water; top-dress with nitrate of soda; thin out as soon as possible.
Melons, musk	Netted Gem	May 1	June 15	1/4 oz. 6' x 4'	Enrich hills with old compost and wood ashes; add sand in heavy soil; protect from striped beetle.
Melons, musk, bush	Henderson's Bush	May 1	June 15	1/4 oz. 4' x 3'	Same as for musk melons; pinch out tips of runners at 5' or 6'.
Melons, water	Halbert Honey	May 15		1/4 oz. 6' x 6'	Give warm, rich soil; nitrate of soda during early growth; treat like corn; use pods while young.
Okra	White Velvet	May 15		1/2 oz. 3' x 15"	Mark out drill; insert up to neck.
Onions, "sets"		April 1		1 1/2 pt. 12" x 2"	Keep clean; top-dress with nitrate of soda; do not thin until well along.
Onions, globe	Yellow Danvers	April 1		1 1/2 oz. 12" x 2"	Start seedlings and transplant to rich soil; give plenty of water.
Onion, large Spanish	Gigantic Gibraltar	April 10 P		150 12" x 3"	Soak seed for twenty-four hours; cover very lightly; thin out early.
Parsley	Emerald Curled	April 15	June 15	1 1/2 oz. 12" x 4"	Cover first planting about 1" deep; sow only a small quantity as wrinkled variety is better flavored.
Peas, smooth	Alaska	April 1		1 pt. 30" x 2"	Dwarf varieties 22" x 2": make first plantings in light soil, or on slightly raised drill 1/2" to 1" deep.
Peas, Early, wrinkled	Gradus	April 10	3: to May 20	1 pt. 36" x 2"	Make later plantings in trench, filling in gradually as vines grow; plant early varieties July 20 to August 10 for fall crop.
Peas, wrinkled, main crop	Alderman	April 15	3: to June 15	1 pt. 36" x 2"	Same as for egg-plant; use good strong potted plants for both to get best results.
Peppers, large fruited	Ruby King	May 15 P		40 24" x 15"	Top-dress with nitrate of soda during early growth.
Peppers, small fruited	Coral Gem Bouquet	May 15 P		40 24" x 15"	Select deep, loose soil or trench before planting.
Parsnips	Improved Hollow Crown	April 10		1/4 oz. 18" x 3"	For earliest results sprout four weeks in sunlight before planting.
Potatoes	Irish Cobbler	April 10		1/2 pk. 28" x 13"	Plant in rich hills; if space is limited, put near edge of garden, or train where vines can run along fence.
Pumpkin	Quaker Pie	May 15		1 1/4 oz. 6' x 6'	Make frequent small sowings; work lime plaster, soot or wood ashes into row, take up and destroy roots not used.
Radish, Early	Crimson Giant Globe	April 1	2: to Sept. 15	1 1/2 oz. 12" x 1"	Thin out early; plant in finely prepared soil.
Radish, summer	Chartiers	May 1	3: to Aug. 1	1 1/2 oz. 12" x 2"	Roots for storing in winter should not be planted until quite late, as they are better both in keeping and eating qualities not overgrown.
Radish, winter	White Chinese	June 15	4: to Aug. 15	1 1/2 oz. 12" x 3"	Excellent for storing for winter; culture similar to turnip; late planting makes best quality roots.
Rutabaga	Golden Necklace	May 1	4: to July 1	1 1/2 oz. 15" x 4"	Be careful to get seed thick enough; sow in deep, fine soil to get smooth roots.
Salsify	Sandwich Island	April 10		3/4 oz. 15" x 2"	Sow in rich soil; thin first to 2" apart; second thinning may be used for table; apply nitrate of soda.
Spinach	Victoria	April 1	4: to Sept. 1	1 1/2 oz. 15" x 4"	For bush 4' x 3'; enrich hills; thin to two or three plants; protect from bugs.
Squash, summer	Golden Summer Crook-neck	May 1	June 1	1/4 oz. 5' x 4'	Thin to two plants when vines begin to crowd; watch for borers; protect from squash bugs.
Squash, winter	Hubbard	May 15	June 15	1/4 oz. 6' x 6'	Sow about half as thick as beets; thin out as soon as well started; cut leaves in gathering 3' or so above crown.
Swiss chard	Lucullus	April 10		1 1/4 oz. 18" x 8"	Enrich hills; use plant support or stake; keep suckers trimmed off; apply nitrate of soda.
Tomato, Early	Bonnie Best (Chalk's Jewel)	May 1 P		25 4' x 2'	Use poison bait for cutworms before setting out; thin fruit clusters if fruit rot appears.
Tomato, main crop	Stone	May 15		18 4' x 30"	Sow thinly and thin out as soon as possible.
Turnip, summer	Amber Globe	April 10	4: to Sept. 1	1 1/2 oz. 12" x 3"	For winter use do not sow too early, two to three months before harvesting, according to variety.
Turnip, winter	White Globe	June 1	Aug. 1	1 1/2 oz. 12" x 4"	

NOTES ON VEGETABLES

"P"—plants from frames or seed-beds
 First figure under Directions indicates distance between rows; second between plant in row after thinning, or between hills.
 Drills are continuous rows, in which the seeds are sown near together, and the plants even after thinning stand at irregular distances, usually touching.
 Rows have the plants at regular distances, but so near together that machine cultivation is attempted only between the rows.
 Hills, which are usually especially enriched before planting, are isolated groups or clusters

of plants, generally about equidistant—3' or more—each way.
 Thinning consists in putting out the surplus seedlings as soon as most of the seeds are up.
 Hilling is drawing the soil up toward the roots or stems, often overdone—usually a wide, slight hill is the best.
 Blanching is necessary to prepare some plants, such as celery and endive, for eating; excluding the light, banking with earth, tying up the leaves, covering with prepared paper and storing accomplish this result.



M. E. Hewitt

The dining room with its commodious fireplace and fine array of old furniture, china and pewter is one of the most attractive rooms in the house. The ceiling here was raised to show the old hand-hewn beams

THE COUNTRY HOUSE A FORD BUILT

The Adventure of an Amateur Architect

ERNESTA BULLITT



INNOCENTLY weekending one Spring in the Berkshires in a locality geographically very vague in my mind I found myself by Monday morning bound hand and foot to the ownership of a farm and pledged to its rebuilding. The idea to anyone of a wandering disposition was staggering, but it had been purchased, as many a remote New England farm may be, for the price of a moderately good motor car, so the affair would not be entirely disastrous in any case.

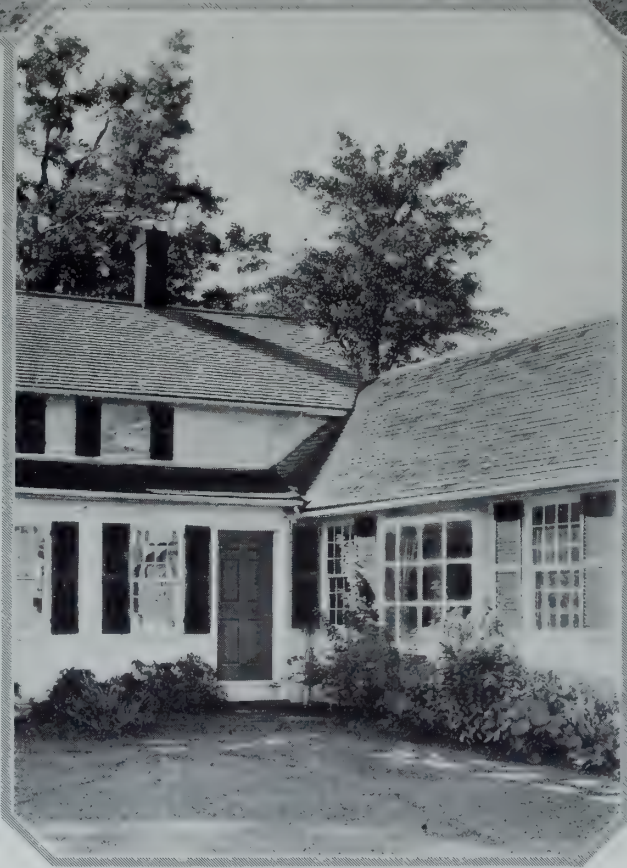
In the first place the farmhouse itself was some three hundred yards in from the rocky lane. This was distinctly an asset. In the second place the house was ugly which was a challenge. It had been built a little too late and labor-saving devices had already made men think it a waste of

The large wall spaces in the living room are effectively decorated with colorful landscape painted panels, framed in narrow moldings. The furniture here is an attractive assortment of French, English and Spanish styles



The long wing at the right, in which is the large living room, was originally a shed and cow barn

time to do things carefully. The big central chimney was gone, the old windows had been taken out, there were no shutters and the broken cellar windows opened disreputable eyes at one. It was barren of a single Lilac bush to soften its angles, but in front of the house were giant Sugar Maples from which the ground swept down and away in a broad meadow, then up again in wooded hills from a stream at the bottom. Attached to the house on an L was a long shed, and a few yards distant from the end of the shed a great cow barn built at right angles from the shed formed a courtyard. This was a noble cow-barn. Ninety feet long it was and broad in proportion. The stone foundations would have aroused the jealousy of any pyramid building Pharaoh, the broad lofts would hold hay enough for an army of cows and the round turreted silo looked feudal and protecting. Behind the buildings the ground rose up hill after hill in close cropped stone-walled pastures whose grey bones were covered with thick brilliant moss and crisp mottled lichen. An apple orchard sweet with blossoms showered petals against the cobwebbed windows of house and shed.



Climbing Roses, Delphiniums and low growing shrubs are massed about the small door of the dining room

the pigsty, the carpenter shop and the three horsestalls and imagine them as two guest rooms, a bathroom and a linen closet; and to see in the hayloft above a bedroom, bath and dressing room; and in the moment that it took to imagine these things I became a slave to the idea. The next step was an architect. Windows had to be designed and chimneys that would draw. It seemed an imposition to ask anyone to do so little, it was so obvious that the only one to whom the venture could prove profitable would be the plumber. Besides, one is apt to be suspicious of architects. We know their hearty contempt for their clients; we know them to be tyrants and they are always telling us things are impossible. They carry out all their own ideas and make us believe they are carrying out ours. Still on consulting Mr. Louis Weeks he proved extremely agreeable and showed no jealousy of the plumber, nor did he wish to pull the whole place down and build it up again. Early the next Spring work began. It was scarcely a fair test of character—to arrive and find the kitchen filled with the fittings for five bathrooms, the new stove
(Continued on page 124)

TOWN BETTERMENT

*House & Garden's Plan For
Improving the Incidental
Architecture of the Community*

IN THE April issue two of our pages will step outside the front gate and give attention to the house-and-garden affairs of the community. From April on these two pages each month will be devoted to practical suggestions for the improvement of the small but necessary architectural features of the town and countryside. Roadside Refreshment Booths (such as the ubiquitous hot-dog stand), Filling Stations, Street Lamps, Town-limit Signs and Route Signs, Real Estate Field Offices, and Flagpoles and Benches are now being designed for HOUSE & GARDEN by leading architects throughout the country. Our scheme is to offer thoughtful and artistic designs that will cost no more to build than the present examples of these things which are more often than otherwise objects of extraordinary and painstaking ugliness.

TO MAKE this service something more than merely pictorial, the designs will not only be published, but complete plans and working drawings will be furnished free of charge to anyone who wishes to aid the cause of civic beauty by building them. It is our hope that not only private individuals, but that such community organizations as Civic Improvement Societies, Chambers of Commerce, Park Boards, Garden Clubs and town officials will be tempted to avail themselves of this opportunity to better the minor architecture of their streets, parks and roadsides by using the talent which we are putting at their disposal.

THE first things to be published will be three designs for Roadside Refreshment Booths, for we feel that the need for greater loveliness is more urgent here than in any of the other features we propose to plan. There will be three distinct sizes and types, from the smallest and simplest possible. They will be shown, in sketches, as they will actually appear. Plans and details of their construction will also be given. This scheme of publication will carry on from month to month with the single exception that where the designs are for the smaller devices—Benches, Signs and Street Lamps, six designs of each will be presented. Immediately upon publication complete working drawings of any of the designs may be had for the asking. Any suggestions for broadening the scope of this service will be gratefully received. Requests for plans and information should be sent to the Town Betterment Editor, HOUSE & GARDEN, 19 West 44th Street, New York City.

A LITTLE PORTFOLIO OF GOOD INTERIORS



Carl Klein

The fireplace with its fine carved overmantel and livable group of furniture is easily the dominant feature of this dignified Georgian living room. The walls are cream colored plaster, woodwork pine, the curtains red damask. It is in the home of Mrs. Harold Lehman, Tarrytown, N. Y. Grace Fakes, decorator





From an old Adam mantel came this inspiration for the color scheme of the living room above, another view of which is shown on the opposite page. The walls are Wedgwood blue and the satin curtains a delicate mauve



(Opposite) A fine old Queen Anne walnut bookcase, painted cream color inside, gives interest to the fireplace end of a small living room in the country house of George Eyer, at Short Hills, N. J. Elsie Cobb Wilson, decorator

A charming contrast to the blue walls in the living room above is the glazed chintz on the chair and sofa. This has a faded mauve ground and a design of Hollyhocks and Daisies in soft shades of mauve, pink, yellow and blue

A small breakfast room in the same house has pink walls, glazed chintz curtains in blue, pink and mauve, and maple furniture. It is in the home of William S. Peace at Rydal, Pennsylvania, of which Mrs. Buel was the decorator



Johnson

An early copperplate horticultural print engraved by an Italian artist. From the author's collection

COLLECTING OLD FLOWER PRINTS

*A Wealth of Material Offers Itself to Those
Who Appreciate These Decorative Pictures*

GARDNER TEALL

THE delineations of the natural forms of flowers seem to fit in with almost any decorative scheme, and, unlike the "Fruit-pieces" which tickled the palates of home-abiding "art-lovers" in the middle quarters of the 19th Century, they are properly at home in any room in the house.

The old masters who essayed the art of flower painting, particularly the Dutch and Flemish artists of the 17th and 18th Century,—Jan Brueghel, known as "Flower-Brueghel," Jakob Wouten (Vosmaer), Daniel Zeghers, Nicolaes van Veren-

dael, Jan van Huysam, and such—all these might have been expected to have inspired contemporary engravers to choosing flowers for subjects. The contrary, strangely enough, seems to be the fact. Compara-

tively few of the earlier engravers or etchers of these centuries paid any particular attention to flower pieces. Our great print collections, public and private, contain comparatively few flower subjects by graphic artists before the 18th Century was drawing to a close. Even then it is mainly to the 19th that we must turn for the bulk of our flower prints. Here reproduced is a 16th Century copperplate engraving, "Odoratus," from the writer's collection and the "Spring" from Wenceslaus Hollar's Seasons series repro-

(Below) "Spring", an old copperplate engraving by Wenceslaus Hollar (1607-1677). Courtesy of Kennedy & Co.



A title page from "The Poetry of Flowers and the Flowers of Poetry" which was published in New York in 1841



Juley



Gaines King Geranium, Broom flowers and Borage, from "The Ladies' Wreath", published in New York, 1847



This Moss Rose in colors was the frontispiece to "The Ladies' Wreath" of 1847. From the author's collection



(Above) A typical flower piece, painted by Nicolaes van Verendael (1640-1691). From the Metropolitan Museum



Rose, Passion Flower, Violets and Lily of the Valley, one of the color plates printed in "The Ladies' Wreath" of 1847

iced by courtesy of Messrs. Kennedy & Co. These suggest the genre of the earlier horticultural prints before the advent of the English engraver, Richard Earlom (1743-1822) whose mezzotint of "Flower and Fruit," after the painting of Jan van Huysam, is one of the finest examples of the engraver's art. If Dutch and Flemish flower-painters were not followed

(Below) A vase with flowers, painted by Jacob Vosmaer about 1615. From the Metropolitan Museum of Art

in their subjects by their contemporary engravers, neither were Jean-Baptiste Monnoyer and his son, Antoine in France, nor Juan de Arellano and Bartolomé Perez in Spain. The earlier German engravers likewise produced few horticultural prints aside from such as served to illustrate books on horticultural subjects. Although the early horticultural-
(Continued on page 110)



Oleander, Carnation and Forget-me-nots, a typical old flower print suitable for hanging in a country house



Forget-me-nots, Tulips, Narcissus and Snowdrops, as pictured by the Victorian artist of "The Ladies' Wreath"

INSULATING THE HOUSE

*For the Confining of Heat in Winter, Coolness in Summer
and Sound Always, there are Various Efficient Fabrics*

ETHEL R. PEYSER

HAS it ever occurred to you that in winter you help the sun to melt the snow off your roof and that fortunes in fuel are wasted by this philanthropy? If you would end this waste, you can do it easily by lining your roofs, walls and floors with special types of insulation, then keep your fuel for heating your home rather than the surrounding country—which the sun has been doing for aeons and aeons!

Insulation is not just another way to spend money, it is another way to get a return on your investment. Many a home builder has thrown up his hands in horror at the thought of spending any more on an already bill-covered building. But when it is shown how much can be saved in building materials, and when he realizes the subsequent low fuel cost, he surrenders to it. For, after all, he must save money, and with adequate insulation, he can. Then, too, the mortgage companies are beginning to insist on proper insulation, for it increases and insures the security of their investments.

Winds will not penetrate a well insulated house and no cold weather will get the better of your fuel service. You can build where there is very little natural protection. Even in the Polar expeditions the huts are insulated against the terror of the Polar day and night!

We have always insulated more or less, to be sure—mostly less! We have used building paper, but we have scarcely come to realize how much walls of frame, brick and hollow tile can be additionally sealed by one of the good insulating materials.

HEAT rises through the house as is its usual habit everywhere; but instead of letting it rise and seek the great outdoors, insulation keeps it in the house and therefore keeps the house warm throughout.

In general, here are the most widely used types on the market:

1. Corkboard.
2. Cane fibre compressed.
3. Eel grass felted between heavy paper sheathing and often asbestos sheathing.
4. Cattle hair quilted between heavy paper sheathing.
5. Semi-rigid pulp felted between heavy paper sheathing.
6. Vegetable fibre quilted between paper sheathing.
7. Semi-rigid vegetable fibre.
8. Wood pulp felted between heavy paper sheathing.
9. Asbestos in various forms.

We will take up the more important of

these nine types and in that way you will get an idea of what there is. To begin with, they are all more or less sound governors and fire retardents, and every one listed below is worthy of adoption as insulators.

ONE of these inexpensive insulations is made of a wool-like mat of wood pulp sandwiched between layers of waterproofed paper, chemically treated against fire, mice and household pests. It comes in large rolls in three standard widths, designed in dimensions for use between the studdings and the rafters. It has many thousands of air spaces which trap the air and will not let it pass out and be wasted. It is dustproof, wind and waterproof and has even been used in the Arctic for explorers' huts.

Its flexibility makes it easy to turn corners and to be wrapped about things readily.

Another flexible insulation, also in rolls and varying in thickness and suiting the studding and joist idiosyncrasies, has a historic background. It is made of eel grass, which the New England people have used for ages in their weather-beaten homes to protect them from the ravages of the winds and sun. This brand has been chemically treated to make it most inhospitable to rats, mice and vermin, while the crinkliness of eel grass makes many little dead air spaces to say to the air, *Thou Shalt Not Pass!*

This grass is sandwiched between prepared paper and some is placed between asbestos which, of course, makes it a bit more of a fire retardent than without this protection.

It is sewed strongly together and will endure. In fact, some of it has lasted a hundred years.

It is claimed to be equal in its varying thicknesses to about twenty-eight to forty layers of building paper. It can be applied to brick veneer and frame, with and without plaster but it is wiser for permanence always to use plaster in building. So here again you can save labor and expense.

Of the semi-rigid insulations we will speak of the compressed fibre type which is a blanket of degummed *pure* linen called by some, or, "flax straw," held together by compression and with *no* foreign substances. It is a trifle more expensive than some but it has many excellences which you will note, and its endurance is from one generation to another.

Being semi-flexible, it can "turn a cor-

ner" with ease and simplicity. Bending does not break it.

It is claimed to be equal as a non-conductor to twenty-seven times its own thickness in concrete, seventeen of brick and mortar and four inches of lumber! It is rot-proof, moisture-proof, vermin-proof. As a sound governor it is used in musical instrument salesrooms, concert halls, auditoriums and noisy power houses to make each room free from the vagrant sounds set free in others.

As a structural insulation this is not quite so good as some others, except in cases where fire is a hazard. Around pipes, furnace jackets, boiler jackets and the like, it is *invaluable*, and is as indispensable as fire screens for stoves and ranges and partitions.

It is well to use asbestos with an excellent insulation on special moveable wall partitions and rolling doors for schools for then you will get insulation and fire protection too.

Of course, as a fire proofing material, we have nothing equal to asbestos. As an insulator in tests, it is excellent, but its chief use is fire-proofing. As an insulator it is easily and comfortably installed.

There is another insulation material which is very rigid and has great structural strength. It is made of compressed cane fibre felted together without glue or foreign substances, and is decorative. It can be used outside as a wall or ceiling finish or inside as only an insulating material; as a base for stucco (wire lath is recommended for use between stucco and board), but it can be used with plaster without any intermediary. It can be used instead of plaster and painted upon and given any finish for wall or ceiling. It can be used for walls, ceilings with or without plaster and as roof and wall insulation.

WHEN replastering is necessary, this board can be nailed directly over the old plaster, making little disorder and effecting economies of time and money and then it can be finished as desired. You can change an old, non-stucco house into a stucco house by nailing this to the outside walls of the house and applying stucco and wire lath. Furthermore, old and new garages can be finished too with this board, as well as insulated with it. It is 5/16 inch thick and is claimed to be equal to eight inches of brick, twelve inches of concrete and fifty layers of builders' paper as a heat blocker.

(Continued on page 130)



Gilles

This house should prove the assertion that even very small dwellings may have real architectural distinction. Done in the English Cottage style, it has been appropriately given rough stuccoed walls, a shingle roof and casement windows

The first floor has been beautifully planned to contain a living room of considerable size, with an alcove at one end for working and one at the other for dining; a servant's room and bath, kitchen, pantry, vestibule and garage



For a house of such modest dimensions an astonishing amount of bedroom, bath, and closet space has been provided. The wall construction is of hollow tile. J. H. Jewett, jr., Bronxville, N. Y., is the owner and Lewis Bowman the architect

A THREE PAGE GROUP OF TWO SMALL HOUSES

From New York and Georgia



Tebbs & Knell

Few small houses achieve such distinguished formality as this without dwindling out of scale. Here the result is delightfully successful. The Ionic portico, usually associated with buildings of grander proportions, has been brought nicely into the architectural scheme, as well as the surmounting balustrade



FLOOR PLAN

A SMALL HOUSE OF FINE FORMALITY

Hentz, Reid & Adler

Architects

Practically the whole house has been fitted onto one floor. A central hallway, connecting the portico with the living room in the rear, separates the dining room and service section from the sleeping quarters on the right. Hunter Perry, Atlanta, Ga., owner

The small hall has been given distinction by an interesting wall paper and a nicely balanced group of furniture consisting of an 18th Century chest of drawers and painted cottage chairs



Tebbs & Knell

The living room with its finely proportioned paneling and commodious built-in bookshelves is made colorful by an Oriental rug and gay chintz covers on the chairs

In the dining room an unusual wall paper of graceful branching trees and birds makes a rich setting for the old mahogany furniture and braided rug in soft colors



One wall in the dining room has been finished in smooth plaster painted a neutral tone. This makes a nice contrast to the wall paper and a dignified background for the classic lines of the mantel





On this house are hand-made shingle tiles, laid irregularly to give an appearance of age. Thus laid this tile has an affinity for half-timber houses, its warm colors harmonizing with the wood and brick. David Adler and Robert Work, architects

T H E R O O F O F T I L E

*Considering One of the Most Ancient Types of Roofing
From Its Various Aspects of Beauty and Practicality*

FREDERICK HOUSTON

THE tile roof has a distinguished past. It was an accompaniment of the ancient civilizations of China, Japan, India, Persia, Asia Minor, Greece and Rome. All of these used baked clay for covering their buildings, and each evolved more or less characteristic forms and colorings.

With the spread of the civilization of ancient Rome into the West and North of Europe, the tile roof gradually became at home all over the European continent. The Mediterranean countries kept more closely to the Roman-tradition, while the North and West of Europe, including England, with new racial influences and more rigorous climatic conditions, developed variations which in these more Northern districts became peculiar to themselves.

With the coming of the Spanish and Portuguese to North and South America, there was brought into our country in its far southern



and south-western portions, a continuation of Mediterranean tile habits so that we have with us today a direct inheritance from ancient Rome via the Roman colonists in the Iberian Peninsula in south-west Europe.

In the original thirteen colonies of the United States where there were no strong Latin strains among the settlers, there are only faint traces of an early use of the tile roof.

In prints and documents relating to 17th century New York we find evidence of the Dutch using tile occasionally for covering their buildings and that the Holland custom was to some extent continued on this side of the water.

It is a matter of record that

The extensive blank walls of the Spanish type of houses permit the use of the large tile which they seem to carry with ease

roofing tile was made by the Pennsylvania Germans at Bethlehem, Pa., in the middle of the 18th century.

In Charleston, South Carolina, tile was early used to some extent, and a number of old buildings there still retain their tile roofs.

In New Orleans, after a disastrous fire in 1794, we find Baron de Carondelet offering a premium to home builders for the use of tile roofs in order to reduce the fire risk.

In our Spanish settled Southwest, there was much tile roofing done in connection with the missions of the Spanish-Mexican regime.

While elsewhere in the civilized world, in the Orient, all over the European continent, in Mexico and in South America, the roofing tile has continuously been manufactured and used right up to the present time. In our own country we have been laggards in developing the manufacture of this most durable form of roof covering. This laggardness has not been due to the fact that we were strangers to the use of roofing tile, but rather owing to the abundance of wood for making shingles, to the fact that



*In selecting tiles it is important to effect a perfect relationship, as here between the house and its roof.
Barber & McMurray, architects*

Shingle tile is an old English roofing habit, and it is particularly in keeping with both Georgian and pre-Georgian houses

we have large deposits of slate, and to the popularity of that much favored American institution—the tin roof.

In the early 19th century, there were some few efforts made to produce tile in this country. A German religious community located at Zoar, Ohio, beginning in 1814 produced a slender output of shingle tile and carried on this manufacture for some forty years. This Zoar tile was used largely by the Community on their own village buildings and was of the “Beavertail” variety such as has long been common in Germany.

There were other earlier efforts at tile manufacturing, largely in Ohio, but it was not until the 1880’s, that any quantity was produced.

Our very notable architect of the 1870’s and 80’s, H. H. Richardson, did much to stimulate the

manufacture of roofing tile. Strong red shingle tile was a frequent accompaniment of the “Richardson Romanesque”.

Ohio tile was used for roofing our first really opulent Florida resort hotel, the Ponce de Leon, at St. Augustine, opened
(Continued on page 150)





The lowest of the three levels is a simple turf terrace with a low wall towards either end broken with semi-circular steps and a higher wall at the side holding a pool. Drawings by Chester B. Price

AN IDEAL SMALLER GARDEN

*A Site Sloping Down from the Front Offers Inducements
for Interesting Design in the Third Garden of the Series*

GENERALLY it is considered a shrewd move to avoid taking ownership of a plot of ground that drops away from the front. Its problems are perplexing. It is difficult, for instance, to make it seem that the house, when it is built, has not settled awkwardly below the road level. A house above the road level holds a certain vantage point, but the house below must do something to overcome the inferiority of its position. Then, too, a site that slopes down towards the street seems to have a certain stability which the site sloping away from the road seems to lack. Both of these difficulties can be overcome by proper grading, and while the proper grading of a plot of this kind is apt to be comparatively expensive, the cost is made more than worthwhile by the effectiveness of the result.

This grading which is offered as the one really satisfactory solution is the dividing of the ground into a series of levels. The lot becomes a flight of steps. If the slope is gentle the flight will be broad and easy; if the ground falls away steeply the steps, or terraces, will be narrow and high. The great gardens of Italy are, with few exceptions, built on sloping ground and have

The grounds of the last of the Four Ideal Smaller Homes will be planned and described in the April issue, bringing to a close a series of articles, begun last July, in which four moderately small houses, designed especially for HOUSE & GARDEN, have been considered in every detail of their architecture, interior decoration, equipment, furnishing, and garden treatment

been planned with this terrace idea in mind. Their beauty is only one argument for its use. Another advantage to such a series of levels is that practically all the ground of the site is made usable.

The grounds of the house shown here illustrate this solution of the problem—a problem which must confront everyone who builds upon such a site. The house level is several feet below that of the road, but rather than let the ground slope from the road to the house, the front lawn has been made flat and the difference in grade taken up at the street line by a retaining wall. Thus the house establishes its own level quite independently and achieves an effect of stability which would be impossible otherwise. From the house level to

rear of the property there is a drop in grade of ten feet. The distance from the flag paved terrace, on which open the French windows of the living room, to the back line is about seventy-five feet. This area has been divided into three garden terraces each one approximately twenty-five feet wide, separated by retaining walls three feet high. Roughly, this same scheme of terracing may be carried out on any similar site.

The treatment of the grounds has been such that they offer two things particularly—seclusion and a rather mild formality. The tall surrounding hedge of clipped *Arborvitae* (which might be also either *Privet* or *Cedar* or *English Beech*), together with the row of *Flowering Dogwoods* along the south side of the property provide the seclusion. Without this enclosure the grounds would need to be planted quite heavily with shrubbery and small trees to prevent the simplicity of their planting from appearing scanty or plain. As it is, the lowest garden has been made unusually effective with scarcely an attempt at planting. It depends for its

(Continued on page 156)



The site of this house, designed for the Smaller Ideal Homes series, falls fairly sharply from the highway to the rear of the plot, thus giving opportunity for a succession of descending levels, each one a garden, and each one separated from the other by a retaining wall. Edmund B. Gilchrist, architect; Richard H. Pratt, landscape architect



Variety in the character of Mockorange blossoms can be seen in these sprigs from *Philadelphus laxus* Banniere, *Couqueto* and *Coronarius*

MOCKORANGES FOR FRAGRANCE

*There Are Many Subtle Odors to the Lesser
Known Members of This Large Family*

J. HORACE McFARLAND

IN the Middle States, nearly every farm-yard and many city gardens, back yards and front yards have specimens of what is popularly called "Mockorange," or *Syringa*. The former, the common name of the genus, has undoubtedly resulted from some resemblance to the odor of Orange blossoms found in the flowers of *Philadelphus coronarius*. Just how the word *Syringa* was improperly hitched on to the genus is, in Bailey's Cyclopaedia, attributed to that picturesque old writer, John Gerarde, who speaks there of "*Syringa alba*, white pipe, *S.*

caerulea, blue pipe, and *S. arabica*, Arabian pipe." A later Frenchman in 1700 also selected *Syringa* for the first name, but Linnaeus thought otherwise. The Germans followed Gerarde to the extent of calling

Philadelphus Pfeifenstrauch, while the French used their form of the wrong name applied to the Lilac in the word *seringat*.

One wonders why this attractive shrub should have been named for the ancient Egyptian king, Ptolemy Philadelphus, but so it is, and not because there are plenty of Philadelphuses in the neighborhood of the City of Brotherly Love.

The Philadelphus is a considerable family, many members of which are of unique garden loveliness and value. With thirty or more species
(Continued on page 106)



The Sweet Pea Mockorange, so called by Mr. McFarland because its odor resembles that of Sweet Peas, is *Philadelphus purpurascens*. Its flowers have a dullish purple tinge

Almond fragrance comes from the *Philadelphus sericanthus* var. *Rehderianus*, a tall and graceful shrub

Philadelphus satsumanus, one of the newest types, has dainty, small flowers with delicate fragrance



SOME GARDENS FROM SPAIN

Two Notable Recent Volumes for the House and Garden Library, and Other Books on Gardening

SPANISH GARDENS AND PATIOS. By Mildred Stapley Byne and Arthur Byne. Published by J. B. Lippincott Co.

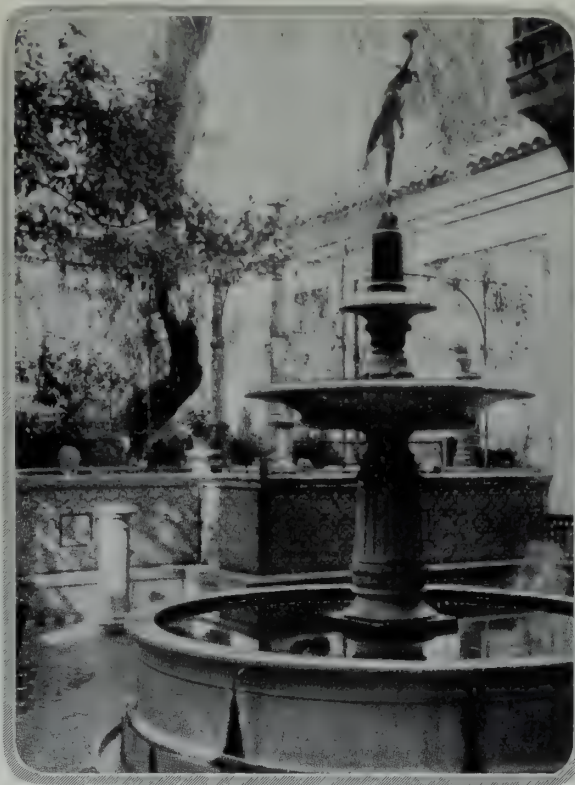
SPANISH AND PORTUGUESE GARDENS. By Rose Standish Nichols. Published by Houghton Mifflin Co.

Gradually the gardens of Spain are gaining the attention they deserve. Until these two books made their recent appearance the subject was one upon which information could be obtained only with the utmost difficulty. Random articles had been published but no book which attempted to be at all complete. Even these two, complete as they seem, must be regarded, more than anything else, as a mere introduction to one of the most fascinating styles of garden design the world has ever seen.

About the history and theory of Spanish gardens so little has been said that we must repeat part of the illuminating Foreword in the Bynes book, where the authors speak of the true Spanish garden as being of Asiatic derivation; harking "back to Persia during her splendour under the Sassanids—the garden the Arabs found there when they conquered her. The Moors who made gardens in Spain, after it too had been added to the Mohammedan conquests, were no artless children of Nature; their Moslem tradition was one of order, science, everything prearranged. A garden was not a walled off piece of cultivated ground; it was a man-made design that permitted nature to play a small part, nothing more. It was a fundamentally artificial production, emphasis being laid on man's, not on nature's contribution.

"And man's chief contribution was glazed polychrome tiles. These even more than the scant use of flowers made the Spanish garden unlike others of Europe. They are above all else the legacy the Moors left in the architecture of the Iberian Peninsula. Let no one dream of possessing a Spanish garden or patio who is hostile to their use on a generous scale.

"Nor must the old-fashioned lover of flowers—our proper English heritage—expect to reconcile this with the Spanish design. It is of green he must think, especially of odorous



This fountain was found in Seville in the garden of Don Miguel Sanchez Dalp and is typical of sculptural work done since the 16th century. From Spanish Gardens and Patios



Semi-circular brick steps, a graceful part of gardens in England particularly, here, in the Quinta de Arrizafa at Cordova, lead to a gateway in the wall. From Spanish Gardens and Patios

green, and look to tiles, not to bloom, for his colour note."

Spanish Gardens and Patios is particularly interesting for the drawings, both in water-colour and in pen-and-ink, which supplement the many splendid photographs. All of those elements of Spanish gardens—walls, pools, and paving—which are so essential to the spirit of their design, are presented in so practical a way that they might be reproduced or adapted with little or no guess work. And always, inevitably, it is made apparent how large a part is played by the use of tiles. Scarcely a detail is shown which does not contain these jewels of architecture as its chief decorative element.

While the Bynes book covers only southern Spain and the neighboring island of Majorca, where the older gardens are, *Spanish and Portuguese Gardens* wanders further afield and treats of 18th century gardens and modern gardens as well. Both books are amazingly rich in material for the architect and garden designer and are inspirations to any interested amateur.

A GARDEN BOOK FOR AUTUMN AND WINTER. By Charles Downing Lay. Duffield & Co.

The general character of the book and the spirit of the author may be inferred from the fact that though he is a professional landscape architect of high standing and includes in the volume very elaborate plans of strictly formal type, he sighs for an old-fashioned woodshed and thinks that, next to the rock garden, the most delightful type is the maritime or sand garden. For making such gardens he gives much help.

The rather many formal plans may be left out of account: they have no connection with the text. They are not the only evidences of the author's being not altogether of the character of Thoreau, even if he is of his mind, as the woodshed and the garden on the seashore might suggest. He realizes that "as men become more civilized they take less pleasure in the accidents of wild nature and long for order and a definite plan in all they do." Accordingly he proceeds to his task of telling

(Continued on page 170)

WORTHY VEGETABLES TOO SELDOM GROWN

*Some of the Less-Known Kinds Whose Culture Is
Easy and Whose Table Qualities Are Exceptional*

F. F. ROCKWELL

A THOROUGH-GOING garden crank is one of the most human persons you can find anywhere in the world. This being the case, it seems strange that more of the makers of seed and plant catalogs do not put humanness into their pages. So many of them take their business, which should be one of the pleasantest and cheeriest in the world, so terribly seriously!

I ask you—is not the end and aim of the private vegetable garden, the excitement of new gustatory adventures? Of course, during our great national "war garden" enthusiasm there was much talk of thrift and economy, but do you ever know of anyone who now really grows his own vegetables chiefly for the reason that he considers it cheaper than buying them? No, it is the lure of the savory lettuce and the illusive Leek; the melting tenderness of little Peas so immature that no market gardener would pick them in that condition; the sparkle of a Radish direct from the soil—it is these things, fresh out of your own garden, that offer an adequate reward for all the fuss and bother, all the toil and turmoil of "growing your own."

Yet the seed catalog seldom takes you by the hand and leads you down the lanes that will bring you to new friendships in de-

liciousness. In the main you will find only the old stereotyped vegetable bromides, iterating and reiterating the statement that this is the longest Bean ever grown, or that the largest Onion. But the worst of it is, that these standardized, alphabetically arranged pages are full of delicious vegetables that you never discover from an ordinary perusal.

Do you, for instance, know Finocchio?

It is an old vegetable—sometimes listed as Florence or Sicilian Fennell. For years it has been a great favorite of our friends the Italians, who know a thing or two when it comes to getting delicious flavors in the things they cook. You would always find it displayed plentifully on the markets in the labyrinth of streets below New York's Greenwich Village, but it is only recently that it has become a favorite in the best up-town markets, and in the finest private gardens. It is one of the most decorative of all vegetables, with its finely cut feathery foliage; and for gustatory purposes, it is just as desirable. The tops may be used as a salad, but it is the slightly sweet tasting, very delicately flavored root-stalks—something like Celery and yet decidedly different—that will make you a firm admirer, once you have tried it. The plants

are easily grown, requiring no special treatment except a slight hilling-up when the bases of the leaves begin to swell and have made a clump about as big as an old-fashioned dollar watch. The soil should not be filled in over the heart of the plant. After a week or so of bleaching the plants may be used, but they will continue to increase in size for a long time after that. One of the great advantages of this vegetable is that it may be enjoyed for so long a period from one planting—always something to keep in mind when choosing vegetables for the home garden.

If this were to be an orthodox article on vegetables, I suppose I should start in with Asparagus and end up with Turnip—but as it isn't, I shall skip around over the garden plot to suit myself.

Let us take the Artichoke—the so-called Globe or French Artichoke, which is entirely distinct from the more commonly known Jerusalem Artichoke. The latter is a root, very high in food value, used mostly for stock feeding in this country although it is a table favorite in Europe. The Globe Artichoke, on the contrary, is most delicious. You have enjoyed it, probably, at some time or other in some expensive restaurant; but you can grow it in your own

Mark Twain called Broccoli "a cabbage with a college education." It responds to the same cultural treatment as does Cauliflower, and has a longer season



The tops of Fennell are used in salad, but the greatest table value of the plant lies in its slightly sweet, delicately flavored root stalks, suggestive of Celery

Celeriac somewhat resembles Celery in appearance. As a table vegetable in early winter it enjoys a place all its own in salads and for flavoring other dishes





Marrow Squashes, of the English and Italian types, are even more delicious and nourishing than our own summer Squashes. They are easily grown



Brussels Sprouts enjoy not only a reputation for particularly high table quality, but also for being one of the last vegetables of the season



The root is the part of the Jerusalem Artichoke which is eaten. It rates extremely high in food value and is a general table favorite in Europe

garden with less trouble than many of the common vegetables. The heavy, fleshy, immature flower heads may be used raw, as a salad, but are even more delicious boiled and served with a cream sauce. They have the great advantage of being available all season long, from early summer until hard frost.

If you have the facilities for starting the plants early, under glass, good sized pot grown plants may be had for setting out in April or May; but generally the more satisfactory way is to buy the plants. The Globe Artichoke is a hardy perennial, and one planting will serve for several years. When a new bed is wanted plants may be obtained from the side shoots, or by dividing the old clumps. My first bed of Artichokes I grew from seed, but there was such a great variation in the

The Globe Artichoke is not difficult to raise, and its immature flower heads are delicious additions to the home menu. It is a hardy perennial

plants that I never tried it again. By buying good plants to start with, and then propagating from the best of these, you can be sure of having a constantly good, uniform supply.

The plants like a good rich soil, but require no particular babying, and grow vigorously. They are usually planted three feet by two feet, but can be put considerably closer in the home garden. The "globes" should be cut while they are still hard, firm buds, young and tender. Any not needed should be removed before they begin to open up. The side shoots are sometimes blanched like endive, and the succulent mid-ribs used, but the quality is only mediocre. A winter mulching of ashes or light manure is desirable in very cold sections; apply this after the old plants (Continued on page 142)



The Broad Bean is a large garden vegetable that grows in great abundance, is easily cultivated, and provides an excellent food that can be prepared in a variety of appetizing ways

The green pods of the Okra are one of the main ingredients of the famous Gumbo soup of the Southern States. When in flower the plants are decidedly ornamental



*The opening of the blossoms of the Tokyo Cherry, *Prunus yedoensis*, heralds the Cherry Festival of Japan, when a national holiday is declared and the whole population celebrates this sweet, intoxicating sign of the coming of Spring*

THE CHERRIES OF JAPAN

These Rare Beauties of the Orient, Gorgeous in Their Native Landscape, Can be Quite as Lovely Here

E. H. WILSON, V. M. H.

AMONG the floral treasures of the Orient none is more renowned than the Cherries of Japan. And justly so, for no language can exaggerate their loveliness. Some are small, others large trees with wide-spreading crowns; some have pendent and others quite erect branches. All are beautiful. Cherry trees grow wild in the woods and thickets throughout the length and breadth of Japan and they are everywhere planted in vast numbers—in temple and castle grounds, in park and garden, in city streets and highways, by pond and riverside. In Japan no peasant is too humble, no prince too proud to plant and cherish the Cherry tree.



At Koganei, a village some ten miles from Tokyo, there is an avenue three miles long of Cherry trees planted in 1736 by command of Shogun Yoshimune. Many of the trees are from 60 to 75 feet tall with trunks 10 to 12 feet in girth and crowns from 50 to 60 feet through. The avenue has been well cared for and when the trees are in blossom the scene presented is one never to be forgotten. The flowering of the
(Continued on page 114)

In many respects the double-flowered forms fail to compare with the singles, but Shirofugen, the best of the double whites, is an extraordinarily lovely tree



The Tokyo Cherry is not only an amazing spectacle in the Spring when used as a specimen, but by its habits of growth is admirably adapted for use on avenues as shown by this view in a Japanese park



*The Naden Cherry, *Prunus sieboldi*, is of unknown origin, but widely used in Japan, and is sturdy, compact and heavy with blossoms in early Spring*

The Cherry, being in effect the national tree of Japan, is planted everywhere and makes effective every scene, as along this picturesque market place





The lovely Trailing Arbutus or May Flower, Epigaea repens, is one of the most difficult native flowers to tame. It is addicted to an acid soil, which must be especially created for it in the garden

GROWING THE FINICKY WILD FLOWERS

*The Tastes of Many of Our Native Plants Have
to be Humored if We are to Succeed with Them*

HERBERT DURAND

THIS article is written for that large and increasing number of home owners who are sincerely desirous of establishing a wild flower garden on their premises, and are also prepared to supply the simple but imperative needs of "finicky" species. This is of vital importance for, if these needs are not supplied, disaster is certain to ensue.

I am not without hope, too, that what I have to say will be seen and heeded by some of those misguided wild flower

While he enjoys either sun or shade, Jack-in the Pulpit, Arisaema triphyllum, requires a constantly moist neutral soil. He can be planted among ferns and grown from seed

lovers who are, unwittingly in most cases, aiding in the extinction of many of the choicest and loveliest species.

I refer to those transplanting zealots who, when they discover a flowering plant of unusual beauty in the woods or fields, are seized with an uncontrollable impulse to uproot it and carry it home. Of course the intention is to plant it and enjoy its charm at close hand. But the poor wildling is rarely properly dug, or properly wrapped, or properly plant-



The Pitcher Plant, Sarracenia purpurea, is a denizen of upland bogs and is one of the most stubborn kinds to make thrive in the domestic wild garden. It requires an intensely acid boggy soil such as is found in Sphagnum moss



Stony ground, a rich and well-drained slope and half to full shade are the requirements of Wild Blue Phlox, Phlox divaricata. Its flowers are open from April to June and have a slight fragrance. Naturalize it in masses



Grass of Parnassus, Parnassia caroliniana, demands a moist boggy spot and an abundance of sunshine. Its flowers, borne from June to September, are creamy white



Another lover of moisture is the Showy Lady's Slipper, Cypripedium hirsutum. You find it in swamps and wet woodlands, in sun or shade. Its flowers are white, stained with crimson



Dutchman's Breeches, Dicentra cucullaria, is found in stony neutral soil, and should be given its counterpart when grown in the home wild garden. Half shade is desirable

d, and therefore it soon withers and dies. Nearly all the flowering plants referred to here, can be purchased from dealers. This is by far the best method of obtaining them, as the purchaser is sure to get well-grown specimens with good root systems, that come well packed and ready to set out. With few exceptions these nursery plants are certain to flourish, provided, of course, they are always given congenial locations.

If, however, for any reason, it seems necessary to take plants from the wild, in order to have favorite kinds in the garden, they should be dug with a sufficiently large ball of earth to contain the roots. Then the ball should be moistened, and wrapped tightly, first in damp moss, then in two thicknesses of newspaper. Thus treated, the plants will keep fresh and full of vitality for from ten days to two weeks. A favorite and usually successful method of mine with certain ultra-particular kinds is to wash the soil from the roots and wrap the mat once in moss and paper. Then I dig enough of the

soil in which they were growing to make each specimen entirely happy until established; and take plants and soil home together in the same basket. This is not as onerous a task as it may seem. A market basket full of light woods earth weighs but little, and will provide the necessary nourishment for from one to two dozen plants, depending upon their size.

(Continued on page 102)



Every acid soil is commanded by Bunchberry, Cornus canadensis. It has white flowers and vivid scarlet berries



The Wild Rock Pink, Silene pennsylvanica, is found in exposed ledges and crevices of rocks, in sun or shade

Verbal Iris, Iris versicolor, requires an acid soil and is found on wooded hillsides. It grows 4 to 8 inches in height



Windflower or Wood Anemone, Anemone quinquefolia, loves acid. Mulch it with Hemlock needles



G. W. Harting

Ships supplied the motif of decoration in this house. In the guest room above an old ship paper in tans and greens makes an effective background for the painted furniture and dressing table in tan and green chintz

A pleasing feature of one of the bedrooms is a recessed window overlooking the water. The curtains here are sheer yellow organdy with red taffeta valance and tie backs. These colors are also in the interesting wall paper



A set of 17th Century ship panels gives unusual interest to the small dining room which has Georgian green walls and a cobalt blue ceiling painted to resemble a canopy with scalloped edges. The tufted slip covers on the white chairs are this same vivid blue

THE RESIDENCE OF
ARCHIBALD McNEIL, JR.
AT BLACK ROCK, CONN
Chapin, Harper & Dutel

Decorators



G. W. Hartling

Interesting wrought iron fixtures in a ship design are used as side lights in the living room. The scrolls here are plaster, the slip covers on the small kidney shaped sofas, tomato-colored chintz, and the curtains heavy yet embroidered in wool in a pattern of ships



The stairway in one corner of the living room has been given distinction by scroll-shaped iron brackets holding pots of trailing ivy. The wrought iron note, so effective a contrast to the plaster background, is found again in the wall pocket above the landing



Hammered brass bowl with scalloped edge, \$15.50. 12 inches wide. Dish with fluted base, \$12.50. Candelabra, \$10.50



(Above) Antique Spanish copper fern dish, \$11.50. 5 inches high, 8½ inches wide. Copper or brass urn, 10 inches high, \$5.75

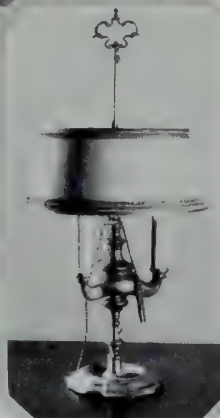


The hour glass above has an antique brass frame with a pierced design of hearts. 9 inches high, \$11.70

(Right) Pewter tobacco jar, 8 inches high, \$18.50. Old pewter lamp, \$35.50. 12 inch paper shade, \$6.25. Fluted bowl, \$10.50

All the pieces in the pewter tea set below were copied from old models. Tea pot, one quart size, \$7.05, jug with cover, \$5.75, bowl, \$3.15

(Right) Old Roman brass lamp with parchment shade decorated with lines in color. \$45.50. Approximately 21 inches high



The attractive candlestick above with adjustable arm is brass in antique finish. 15½ inches high, 11 inch spread, \$16.50 a pair



(Below) The oval bra tray in antique finish has decorative pierced galler. \$9.25, 11 inches long. Copy of old English pan candle stick; \$9.45 a pair



PEWTER
and
COPPER
and
BRASS

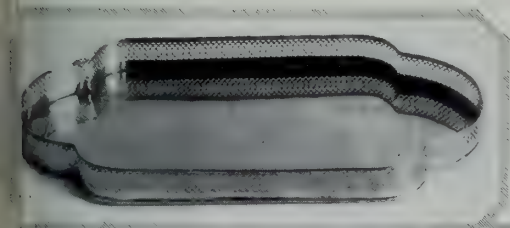


The brass samovar at the left, silvered inside and equipped for electricity is \$65.50. Brass candlesticks, 11 inches high, \$8.25 a pair. Italian pitcher, \$3.75. The Italian pottery cups and saucers are white with blue-green lines, \$36.50 a dozen

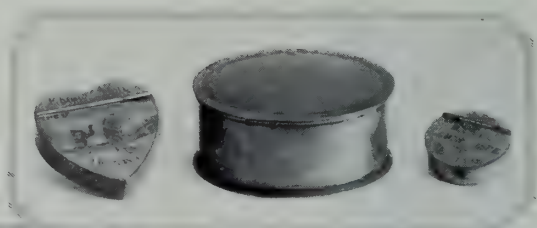
At the right is an unusual sconce with antique steel arms and a chased brass backplate. Diameter of backplate, 8½ inches, spread 11¾ inches, \$24.50



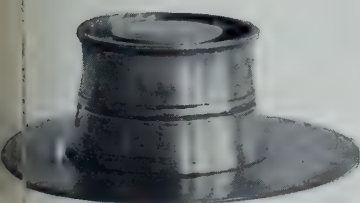
(Below) Heart shaped brass box, 3½ inches wide, \$6.65. Oval cigarette box, 4½ inches long, \$4.25. Small round box, \$3.85. All in antique finish



Above is a serviceable brass tray in antique finish with a pierced gallery. 20 inches long, 12 inches wide, \$16.50



The 6 inch pewter plate below is \$3.50. The small bowl, 4½ inches wide, may be used as an ash receiver, \$2.75



(Above) For a man's desk comes a sturdy inkwell in pewter. It may be purchased for \$6.75



Suitable for either flowers or fruit is this graceful Chinese brass bowl, 12 inches wide, \$6.25. Carved teakwood stand, \$5.25. Reproduction of Devonshire candlestick, 12 inches high, \$9.75 a pair



All the articles on these two pages may be purchased through the HOUSE & GARDEN Shopping Service, 19 West 44th Street, New York City. A slight service charge is included in the prices

The GARDENER'S CALENDAR for MARCH



Mrs. EDWARD G. LOW

The founder of Lowthorpe, a school of landscape architecture for women, at Groton, Mass.



Miss JANE B. HAINES

The founder and President of the School of Horticulture for Women at Ambler, Pa.

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1. Chrysanthemums for next fall must be propagated now. If the space is available it is good practice to put in a batch of cuttings every four weeks until June to assure a long period of bloom well into the autumn.	2. Rhubarb should now be showing some growth. Barrels placed over the plants will give earlier and better stalks. Beds that were not mulched should have a good application of manure dug into them at about this time.	3. If you are considering new lawns this spring get the ground ready for seeding just as soon as it can be worked. Early sowings will prove to be much freer of weeds than those which are made during the summer months.	4. Changes of all kinds where the moving of plants is involved must be carried into execution at once. This also applies to garden walks which, if altered in early spring, settle by summer, becoming permanent.	5. All new plantings of hardy stock must be set out. The earlier in the planting season this is done the less losses you will have. Just as soon as the frost leaves the ground is the proper time for work of this sort.	6. If you have not already planted them, seeds of cabbage, cauliflower, celery, parsley, lettuce, tomatoes, egg-plant, peppers, leek and onions should be sown. See page 47 for detailed information on this work.	7. Boards, straw, burlap, cornstalks and other winter covering materials for boxwood and such tender plants must be removed now. If possible, select dull, cloudy weather for carrying on this important operation.
8. Where absolutely necessary, bay trees, hydrangeas and other ornamental plants should be retubbed. Others can be re-fertilized by digging out some of the old soil with a trowel and filling in with a rich, fresh mixture.	9. Asparagus is one vegetable that starts growth very early, so dig the winter mulch under now, hill up the rows on the old plantings, and apply salt liberally to the bed. New plantings should be started now from good roots.	10. All the exotic plants, such as Kentias, dracaenas, cacti, arecas, etc., should be re-potted at this time. Use pots about 1 inch larger than the plants now occupy. The soil must be light, containing plenty of leaf mold.	11. Make a habit of heeling in your nursery stock the instant it arrives. Stock that is allowed to lie around in the wind and sun is certain to show heavy losses, because its roots will be dried out and the smaller ones will die.	12. Cuttings of all the varieties of bedding plants should be started in sand in the greenhouse early this month. Coleus, geraniums, lantana, heliotrope, abertum, etc., are some which come under this heading.	13. Cannas, especially the newer or better types, should be divided by cutting the roots separately. They can then be rooted by placing in sharp sand, or they may be potted up in a very light soil mixture if you prefer.	14. All the necessary pruning must be attended to now. Foliage trees and shrubs, all the flowering types that blossom on the terminals of the new growth, such as roses and fruits of all kinds, require attention.
15. Any changes in old plantings or new plants contemplated for the perennial border should be finished up at the earliest moment. Those which are planted early in the season will flower late this coming summer.	16. Better make arrangements now to use your greenhouse for some useful purposes this summer. Potted fruits, chrysanthemums, melons, English forcing cucumbers etc., are some of the many possible products.	17. Sowing of all the more common types of annual flowers should be attended to now. Asters, zinnias, calendula, balsams, salvia, marigold, scabiosa, pansies, stocks etc., are some of the many varieties that may be planted.	18. This is the time to think of flowers for next winter in the greenhouse. Primula of the Chinese or Obconica type, cyclamen and antirrhinum are three of the best sorts. They should be started from seed now under glass.	19. The covering on the strawberries should be removed and burned and the manure mulch can be dug under. In cases where for some reason no fall mulch was applied the bed should be well manured and dug in.	20. Before the buds burst on the deciduous trees and shrubs, the whole growth should be looked over carefully for any caterpillar nests, which can easily be destroyed by burning without injuring the plants.	21. Have you everything in readiness for the opening of the big garden drive next month? Seeds, garden line, plant labels, measuring stick, pea brush, bean poles and tomato supports are a few essentials.
22. The top protection on the rose bushes can now be removed; dig the winter mulch of manure well under. A liberal application of bone meal to the soil will produce worthwhile results during the flowering season this year.	23. Small fruits of the different types can be planted now. Grapes, raspberries, blackberries, etc., can be trained on wire trellises, or stakes may be used. The latter are neater and more economical of space.	24. All the various garden tools will soon be in use regularly. Are they in proper condition? Good work is impossible with poor or dull tools. Go over all the implements, removing any rust and sharpening the cutting edges.	25. Most of the diseases to which potatoes are heir are caused by dry, hot weather. Potatoes like cool, moist soil. Prepare a piece of ground and plant them now, or as soon as the soil can be worked. An early start makes success.	26. Mulches of all kinds applied to shrubbery borders, perennial plantings, flower beds, etc., should be dug under. In doing this, get the manure as deep as possible and see that it is thoroughly incorporated with the soil.	27. Sweet peas may be sown out of doors now. Dig trenches about two feet deep and the width of a spade. Fill the trench with good top soil and manure well mixed and sow the seed about two inches below the surface.	28. Specimen trees of all types that are not growing satisfactorily can be invigorated by cutting a trench entirely around the tree about four feet from the trunk and filling it in with good rich earth well tamped down.
29. Manure applied to lawns last fall must now be raked up. All lawns should be raked clean and rolled or tamped. A top dressing of wood ashes and bone meal will help to produce a good vigorous growth of grass.	30. All the best varieties of dahlia roots should be started into growth so that cuttings can be made of those desired. If the roots are laid upon a few inches of sand and watered freely they will soon start into growth.	31. All trees and shrubs that are subject to attacks of San Jose scale should be sprayed with one of the soluble oil mixtures before the buds swell. At least forty-eight hours are needed to smother these pests.	This Calendar of the gardener's labors is designed as a reminder for his seasonal tasks. Though planned for the Middle States it should fit the whole country if for every hundred miles north or south garden operations be retarded or advanced five to seven days			See how Aurora throws her fair Fresh-quilted colours through the air: Get up, sweet slug-a-bed, and see The dew bespangling herb and tree ROBERT HERRICK

The place of women in horticulture is considered further forward in this issue. Here are shown six women whose influence, enthusiasm and achievements have done much to give that place its growing importance. Mrs. Low and

Miss Haines are responsible for our two best schools; Mrs. King is our best known woman garden writer; Miss Smith the head of one of our largest nurseries, and Mrs. Pratt and Mrs. Brewster our two most enthusiastic amateurs



Mrs. WALTER BREWSTER

A practical gardener and one of the most active spirits in the Garden Club of America



Mrs. HAROLD PRATT

Gardening's most enthusiastic patroness in this country and owner of one of our finest gardens



Miss EVELYN W. SMITH
The head of the Amawalk Nurseries is seen here supervising the moving of one of her sturdy trees

Mrs. FRANCIS KING
One of the most widely read garden writers and the author of the first article in this issue of House & Garden





DANERSK FURNITURE as related to the three great periods of American design

L. T. Halsey, in his introduction to the handbook describing the new American Wing of the Metropolitan Museum, is the clearest summary of the history of the utilitarian of the American Colonies and the Early Republic that yet been presented. He divides it into three periods:

- First Period: 1630 to 1725
- Second Period: 1725 to 1790
- Third Period: 1790 to 1825

In making Danersk Furniture in our New York and factories we have specialized for the past ten years in furniture of the First, Second and Third Periods. In the Second Period we have done little or nothing because of its extreme elaboration and Rococo influence of ornamentation which, if well done, is the most expensive and formal ever devised. We have turned rather to the friendly forms of the First Period: tavern tables of maple and pine; quaint cupboards; dignified walnut highboys; comfortable Queen

Anne chairs and dining groups developed from the choicest examples of this era.

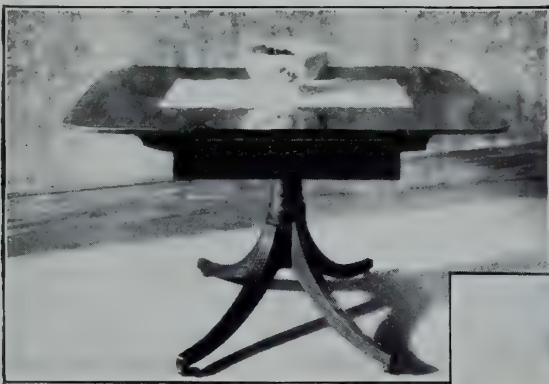
From the Third Period we have selected those delightful forms of 18th Century design, with their classic refinement of detail comprised by the American adaptations of Heppelwhite and Chippendale chairs; Pembroke tables by Duncan Phyfe and Sheraton; dining room, bedroom, and luxurious upholstered pieces for the living room.

These things need no special setting and are so direct and genuine that they bring the truth of traditions and hidden values of construction to all homes where good taste, quaint interest, and comfortable dignity are valued.

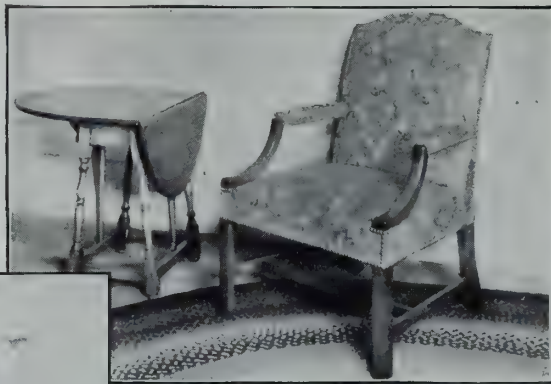
Our Chicago and New York salesrooms are the only places where Danersk Furniture can be seen. Your own dealer or decorator is familiar with our productions—all good decorators are. They will welcome your personal investigation of our furniture, and it is most important that you should see this furniture before purchasing for your home, if you value correct traditions in design.



DANBURY CUPBOARD OF WHITE WALNUT, FINISHED IN MELLOW AMBER TONES.



DUNCAN PHYFE LIBRARY OR BREAKFAST ROOM TABLE OF CUBAN MAHOGANY.



AMERICAN MAPLE CHAIR OF CHIPPENDALE INFLUENCE AND BUTTERFLY TABLE.



A GRACEFUL LAMP TABLE OF WALNUT WITH TRUMPET TURNINGS.

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The Charm of Sunny Italy

Among the many Hastings reproductions of famous periods of cabinet making, the Italian provides a most happy choice for the modern home.

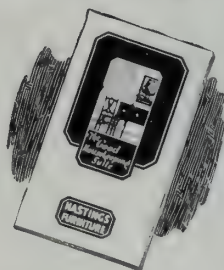
The romantic desk pictured here with its graceful wrought iron stretcher, colorful decorations and finely figured woods combines every desirable element of beauty, utility and sound craftsmanship.

And what hostess of today will not delight in this beautiful Roman chair, with its richly tasseled cushion and sturdy grace.

Hastings Table Company
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Write for this interesting brochure describing the Hastings early American suites selected by Good Housekeeping Magazine as the ideal furnishing for the modern, small dining room.



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Furniture
The MARK of
FRED E. HILL
and his associates



Pink Ladyslipper, or Moccasin Flower, *Cypripedium acaule*, grows in both dry and moist situations but the soil is acid

GROWING THE FINICKY WILD FLOWERS

(Continued from page 95)

Wild plants are handled in the garden exactly like their civilized sisters. Plant them firmly in the right soil and exposure, and don't let them lack moisture during the first few weeks, even for a day. A light mulch of half-rotted leaves will help amazingly. Once established, they need no further attention—no spraying or staking or hoeing. Merely keep out intruding weeds.

The following eighteen species are included among the "finicky" wild flowers, because none of them will do its best in soil that contains either acid or alkaline to any marked degree. In fact, nearly all of them will die out sooner or later in such soil. Therefore, leaf mold from under evergreens, or oaks, or chestnuts, and soil containing lime, should be tabooed.

Of the eighteen, the following five flourish best in situations where moisture is either naturally abundant or can be supplied constantly. They all do equally well in either sun or shade: Jack-in-the-Pulpit (*Arisaema triphyllum*), Showy Ladyslipper (*Cypripedium hirsutum*), Shooting Star (*Dodecatheon meadia*), Closed Gentian (*Gentiana andrewsii*), Blue Lobelia (*Lobelia syphilitica*).

Three demand moist to wet spots and plenty of sunshine: Meadow lily (*Lilium canadensis*), Marsh Marigold (*Caltha palustris*), Grass of Parnassus (*Parnassia caroliniana*). The latter likes a rather sandy loam.

The beautiful Virginia Cowslip (*Mertensia virginica*) insists upon shade and a bountiful supply of moisture.

Five like stony ground best, but the soil must be rich and well drained, as on a wooded slope. The preference of all is from one half to full shade. White Trillium (*Trillium grandiflorum*), Liverwort (*Hepatica triloba*), Dutchman's breeches (*Dicentra cucullaria*), Canada violet (*Viola canadensis*), Wild Blue Phlox (*Phlox divaricata*).

Exposed ledges and crevices in the rocks, in either sun or shade, exactly

suit the Columbine (*Aquilegia canadensis*), the Wild Pink (*Silene pennsylvanica*) and the Bluebell, or H. bell (*Campanula rotundifolia*). Three, however, give good accounts of themselves in the ordinary well-prepared garden border. A normal rainfall is all the moisture they ask.

The gorgeous swamp Rose Mallow (*Hibiscus moscheutos*) is finicky as regards acidity and alkalinity: it will thrive luxuriantly in sun, shade, wet soil or dry, if its twin likes are heeded.

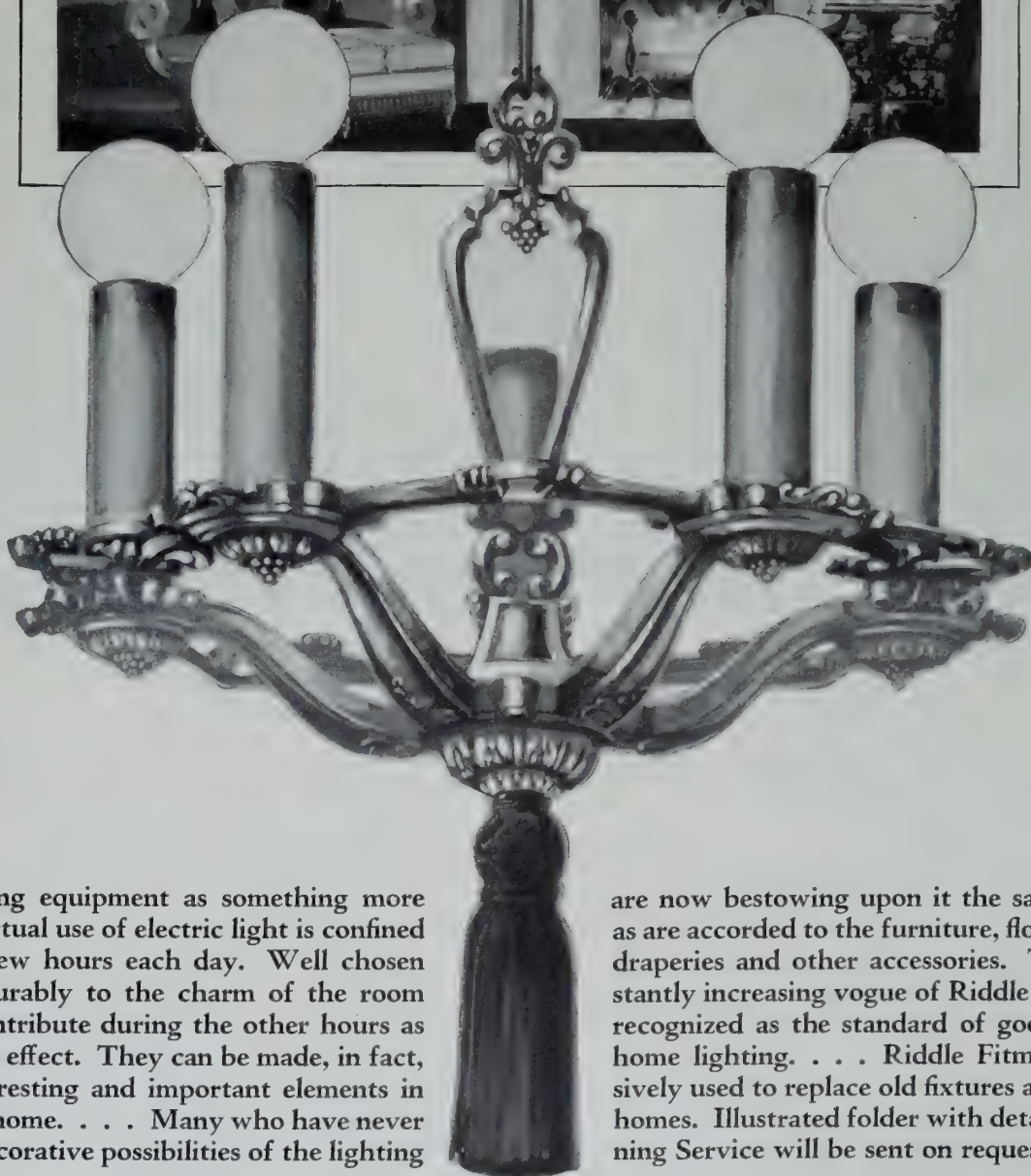
The next group of plants that apt to prove refractory under treatment of the uninformed, consists of eleven popular and beautiful species none of which can be expected to survive permanently in the home garden, unless it is planted in soil marked but not intense acidity. Wet soils that are acid, differ widely in their acidity, according to their composition and their location. Soil made up of half decomposed Pine or Hemlock needles, or of Oak leaves, Chestnut leaves and leaves of other trees and plants that are rich in tannic acid has the highest degree of acidity; at this acidity is most intense at or near the summits and on the north sides of elevations. A study of the natural habitats of the eleven plants here named will demonstrate that they avoid the heights, although they make their homes in uplands or on slopes that face the south. The sure way to success is to transplant to actual soil in which they thrive in pockets in the home garden; in the event, to take the soil from similar situations close at hand.

The red Wood Lily (*Lilium philadelphicum*) is found as a rule in somewhat open woods and, except along the coast, is most frequent at a considerable elevation and in dry soil. I have yet to see this glowing lily in groups or colonies; it is anything but gregarious. So I like to place it in my garden as I do the Cardinal flower, isolated single specimens here and

(Continued on page 104)

Riddle

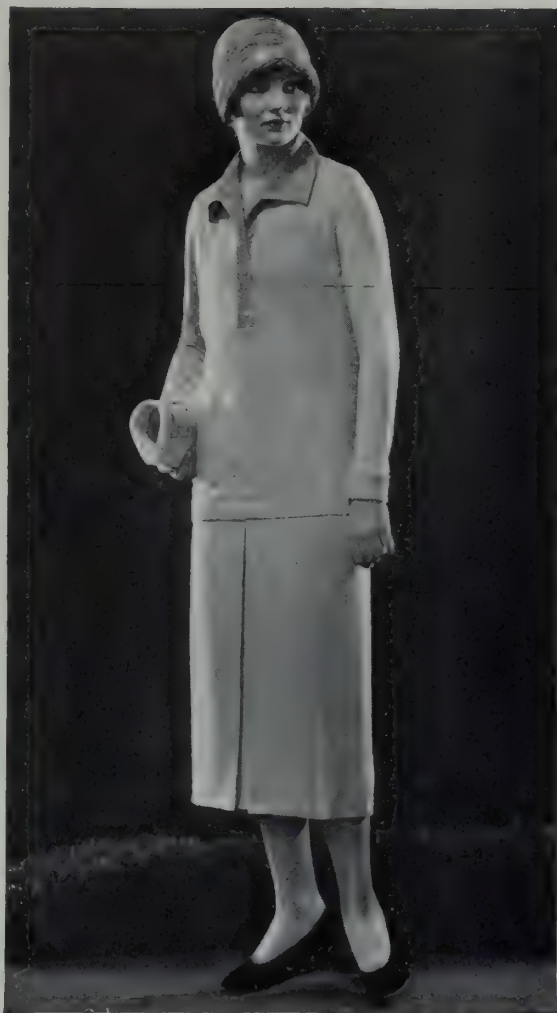
DECORATIVE LIGHTING FITMENTS



Consider your lighting equipment as something more than a utility. The actual use of electric light is confined to comparatively few hours each day. Well chosen fittings add immeasurably to the charm of the room when lighted and contribute during the other hours as much to the decorative effect. They can be made, in fact, one of the most interesting and important elements in the furnishing of the home. . . . Many who have never before realized the decorative possibilities of the lighting

are now bestowing upon it the same thought and care as are accorded to the furniture, floor and wall coverings, draperies and other accessories. The result is the constantly increasing vogue of Riddle Fittings, now widely recognized as the standard of good taste in decorative home lighting. . . . Riddle Fittings are being extensively used to replace old fixtures as well as to equip new homes. Illustrated folder with details of the Riddle Planning Service will be sent on request.

JAEGER



The Two-Piece Frock of Fine Jersey

THIS modish costume has been forecast by Paris and worn on the Riviera and at Palm Beach.

The Chanel collar is tailored of heavy matching silk crêpe; the skirt features the inverted pleat front and plain back. The sleeves may be short if desired.

May also be had in fine twill flannel.

Mail orders given careful and prompt attention.

\$31.50

In the newer pastel colorings, including Natural Balbriggan, Cicada Green, Peach Skin, Pebble Brown, Corn and White.

New York	Boston	Philadelphia
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Palm Beach	Chicago	San Francisco
County Road	222 N. Michigan Ave.	218 Post Street

Jaeger—Specialists in Apparel of Fine Wool



One of the many desirable hybrid Mockoranges created by Lemoine is *Avalanche*, which drew its fragrance from a parent that is native to Utah

MOCKORANGES FOR FRAGRANCE

(Continued from page 88)

described, there are also a score or more of extremely interesting garden hybrids, largely produced by the greatest of ornamental hybridists, Lemoine, who was induced to his effort through the receipt from the Arnold Arboretum, nearly a generation ago, of plants of the exquisitely fragrant *Philadelphus microphyllus* of Utah and Colorado. His work with this and the European species has given us the lovely hybrids broadly classed under *Philadelphus Lemoinei*, and including such beautiful varieties as *Avalanche*, *Boule d'Argent*, *Conquete* and *Virginal*. These Lemoine hybrids are all more or less fragrant, the fragrance being reminiscent of the *microphyllus* parent.

There are, however, utterly different fragrances, particularly among the species brought in from West China by Mr. E. H. Wilson, and but little known, though just as easy to propagate and grow as any other of the quite easily raised *Philadelphuses*.

As I write I am looking at four beautiful flower clusters of the *Philadelphus* and remembering one that has passed. This first one was *Philadelphus subcanus*, which came from the Arnold Arboretum originally as *Philadelphus Wilsoni*. Like all of the species I am here mentioning, it does not have exceedingly large flowers, nor does it cover the entire plant with bloom, as in the case of the Lemoine hybrids. The foliage is rugose and distinct in itself, the flowers, of a characteristic creamy color, are of a dainty cupped form, but the fragrance is that either of the garden hyacinth or resembling the aromatic odor of the ordinary Valerian or Vanilla.

Bearing the awe-inspiring name of *Philadelphus sericanthus*, var. *Rehderianus*, one gets a tall and graceful bush the blooms of which are altogether pleasing, and the fragrance of which again sets one guessing, though it does not remotely resemble the ordinary Mockorange fragrance. Some

observers vaguely refer to an "almond" fragrance, but all agree as to its delightful quality. It pervades the vicinity of the plant for several weeks.

In an ordinary season I expect to have Sweet Peas about the time the Mockoranges bloom. Many times I have collected a few odorous Sweet Peas, together with a twig of the Mockorange I am about to describe and passing them in turn under the noses of ladies who visit the garden, asking in each case that the eyes be closed so that only the nose will give judgment. In no case has anyone failed to agree that the fragrances thus submitted were identical, and astonishment always follows when the eyes are opened and it is noted that one of the items thus enjoyed is a Mockorange.

This particular Mockorange is again the possessor of a very serious name. It is *Philadelphus purpurascens*, having been heretofore concealed as *Philadelphus brachybotrys*, var. *purpurascens*.

The name now hitched on comes from the fact that the calyx of the flower is of a distinct dull purplish hue, giving it at once a mark of identification. The plant on which these graceful and lovely flowers are produced is rather tall and rangy though when young it has a somewhat distinct outward drooping habit very different indeed from the average plant in the genus. (The Virginia variety, for example, while it has the most impressive flowers of any of the hybrids or species, is the ugliest plant in the garden in its leggy, ungraceful habit.)

This Sweet-Pea Mockorange, as it might be called, is of all the fragrant species the most delightful to have to do with, and for the half-dozen years during which I have enjoyed its presence at Breeze Hill it has been annually an object of visit and pleasure to myself and many others.

(Continued on page 108)



BLACK* STARR & FROST

The new choker necklace an unusual adaptation by Black, Starr & Frost using oriental pearls caught together by spheres paved with rose diamonds, and a diamond clasp.

JEWELERS FOR 115 YEARS

Our Palm Beach shop is now open.

FIFTH AVENUE CORNER 48TH STREET NEW YORK • THE LAKE TRAIL, PALM BEACH

COLLECTING OLD FLOWER PRINTS

(Continued from page 79)

DECORATING and furnishing a home is far more than merely filling it with furniture and hangings, however beautiful they may be. It is a work of care and skill and thought in fitting every single thing that goes into your home into a harmonious, pleasing whole, according to a definite plan, that will satisfy your needs and tastes for years to come.

This is the contribution that the skilled designers of Rorimer-Brooks Studios can make to your home, as they have to some of the most beautiful homes in the country.

The
Rorimer-Brooks
Interior Studios Makers of
Decorators Fine Furniture
2232 Euclid Avenue
Cleveland, Ohio

tural copperplates were few, engravers of book illustrations occasionally busied themselves with woodcuts and copperplates for old herbals. In "The Old English Herbals" Rohdes says: "Nearly all the illustrations in the famous 16th Century Flemish, English and Swiss herbals were printed from the actual wood blocks or copied from the illustrations in Fuchs's works. . . . It is a remarkable fact that so far as wood-engraving is concerned, this country [England] has contributed nothing to the art of plant illustration. In the first English illustrated herbal, the *Grete Herball* of 1526, the figures are merely copies of the inferior cuts in the later editions of the *Herbarius* as *Teusch*, and, with the exception of Parkinson's *Paradisus*, all the English 16th and early 17th Century herbals borrowed their illustrations from Flemish and German sources." Time's tide has swept many of these old woodcuts adrift from their moorings in the harbor of these early herbals and one may frequently discover them temporarily at anchor in some old print shop where they may be had for almost a song. While one decries the vandalism of breaking up a rare old volume for the sake of such prints, still, once adrift, they are well worth salvaging. Not long ago I saw a series of six of them appropriately framed and hung in the library of the summer home of a garden enthusiast.

HERBALISTS' RHAPSODIES

The old herbalists, Gerard, Parkinson and the rest, reflected the English love of flowers in their pages. "What greater delight," wrote Gerard, "is there than to behold the earth apparelled with plants as with a robe of embroidered works set with Orient pearls and garnished with great diversity of rare and costly jewels? But these delights are in the outward senses. The principal delight is in the mind, singularly enriched with the knowledge of these visible things, setting forth to us the invisible wisdom and admirable workmanship of almighty God." Parkinson wrote in his *Paradisus* of 1629: "For truly from all sorts of Herbes and Flowers we may draw matter at all times not only to magnifie the Creator that hath given them such diversities of formes, sents and colours, that the most cunning Worke man cannot imitate and such vertues and properties, that although wee know many, yet many more lye hidden and unknowne, but many good instructions also to ourselves. That is many herbes and flowers with their fragrant sweet smells doe comfort, and as it were revive the spirits and perfume a live house; even so much men as live vertuously, labouring to doe good and profit the Church of God and the Commonwealth by their paines or penne, doe as it were send forth a pleasing savour of sweet instruction, not only to that time wherein they live, and are fresh, but being drye, withered and dead, cease not in all after ages to doe as much or more."

Something of this piety lingered with botanizing thence onward and kept pace with the colored illustra-

tions which were so popular in earlier part of the 19th Century. These were colored stipple engravings, stenciled line engravings, and, from about 1830 onward, lithographs in color. In the advertisement to "The American Flora," an early American work issued in parts and illustrated with color lithographs, Dr. Strother, its author, wrote: "We plead guilty to a passion for flowers, 'God's smile as they have been beautifully call which renders it a luxury to gaze even the inanimate representation which lie before us, but aside from this 'The American Flora' is got up a style eminently attractive. The letter press is excellent, intelligible even to dim and faded eyes, the coloring carefully executed by practical botanists and the description of the plants ranged on the Linnæan system, at once complete and simple. Such a work in a refined country cannot fail to command success." From such treasures many plates were taken for framing and placing on walls, which fashion in turn, banished or destroyed; now seldom come across them in the frames, but stray parts of these botanical publications still turn up in second-hand bookshops as also do old Annuals so popular in the 'Thirties and the 'Forties and the various volumes of the "Flower of Poetry" type, many of them gaily illustrated with colored prints of horticultural subjects.

PRINTS OF THE UNHURRIED PAST

Usually these have a quaintness of design and an "old-fashionedness" that lend distinct charm to them and commend them to our present-day antiquarian taste. I have on my wall two of these prints, one a Moss Rose such as only the unhurried past has dreamed of, another showing a sedate Passion Flower. "The Ladies' Wreath," New York, 1847, containing these, was embellished with such gems of literature as Miss Anna S. Rodman's "To Academe in Heaven," and "The Mourner," "Lines Written in the Album of a Deceased Daughter," etc. The print of the Passion Flower was probably introduced by the clever editor in allusion to a touching passage from "Alice, a Story of Our Village" by Mrs. S. T. Martyn: "Some six months after the death of Capt. Dudley, as was busy in my little garden tying a Passion Flower, which by some accident had been torn down. . . . What a touch of elegance, of local color! "How many ravishing harmonies spring up on every side, from the association of plants with the animal creation!" Mrs. Martyn wrote "The butterfly embellishes the rose, the nightingale sings in our grove and the industrious bee enlivens the flower which yields its sweet treasures."

Dear old Crinoline Age, with your gentle Misses out abotanizing in the groves, your lady editress always at hand with gentle stylus to pen some moral for your painters of pansy and periwinkle! We shall treat you gently and again take you to our hearts, we restore to our affections the flower prints that once brought joy to your





CHOPIN PLAYING
FOR HIS FRIENDS
Painted by Balestrieri

More than Chopin had in his studio you can now have in your home

THE studio of Chopin is always thought of as a shrine of music. On numerous occasions other great musicians — Liszt and Mendelssohn — met there and played from their own compositions.

Now you can have in your home more great music and more great musicians than Chopin had in his studio.

For, instead of two or three great artists, you may hear hundreds. You may hear the music that was known in Chopin's day—plus the masterpieces that have been written in the years between his generation and ours. Sonatas, nocturnes, serenades; dance music, ballads and hymns—you can command these riches whenever you like and as often as you choose.

The secret of this new golden age of music lies in a miraculous invention called the Ampico. Concealed within the case of a fine piano, the Ampico mechanism makes the strings of that instrument sing under the touch of such artists as Lhévinne, Ornstein, Rachmaninoff—and hundreds more who make up today's aristocracy of music.

Only with these fine pianos

the Ampico may be had only in the following pianos, instruments that have been known for

generations for preeminent quality: the Chickering, the Mason & Hamlin, the Knabe, the Marshall & Wendell, the Fisher, the Haines Bros., the Franklin, and in Canada the Willis also. Note that the Chickering, the Mason & Hamlin, and the Knabe—three of the four great pianos in general use on the American concert stage—have now adopted the Ampico.

Yet the flawless structure of these pianos is in no way altered by the presence of the Ampico. The piano is unchanged—intact for playing by hand.

Exchange your silent piano for an Ampico

The opportunity which still exists to exchange your silent or player piano for an Ampico makes owning an Ampico not something to dream of, but a joy possible of immediate realization. Foot-power model, \$795. Electric power models, \$985 to \$5000. With freight added. Uprights and grands.

Hear the Ampico today

To make sure of hearing the Ampico soon, go to a store where any of the pianos mentioned are sold, select an Ampico recording of a favorite composition and ask to hear it played. If you want to know more about the Ampico before hearing it, write us for a booklet describing the Ampico and telling of the Ampico library of music played by hundreds of famous artists.

A few selections you may want to hear

Rhapsody— <i>Dohnányi</i>	DOHNÁNYI
Ballade— <i>Chopin</i>	GODOWSKY
The Lorelei— <i>Liszt</i>	LHÉVINNE
Jeux d'Eau— <i>Ravel</i>	MOISEWITSCH
Humoresque— <i>Dvořák</i>	ORNSTEIN
Prelude C Minor— <i>Rachmaninoff</i>	RACHMANINOFF
Etude— <i>Chopin</i>	ROSENTHAL
Marche Militaire— <i>Schubert</i>	SCHNITZER
Liebesträume— <i>Liszt</i>	BLOOMFIELD ZEISLER

Or for Dancing

Musical Comedy Favorites, No. 1	DELCAMP
Nobody Loves You Like I Do— <i>Davis-Akst</i>	LOPEZ

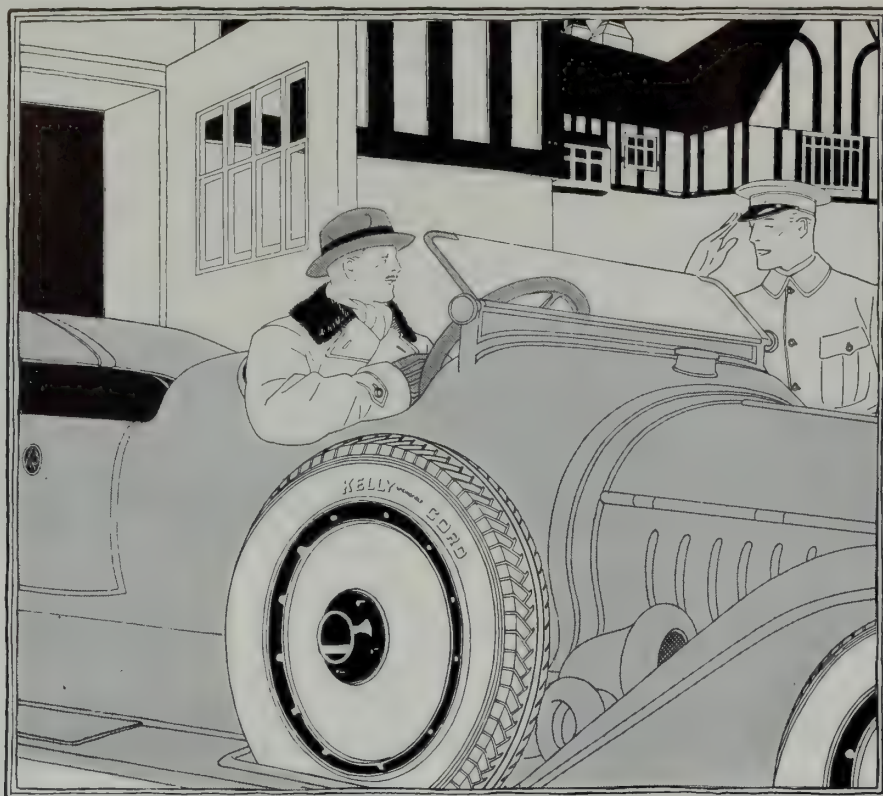
THE AMPICO CORPORATION
437 Fifth Avenue, New York City

The AMPICO



The "All" of the Piano

THE BEST TIRE KELLY EVER BUILT



The KELLY FLEXIBLE CORD

THE new Kelly Cord gives more mileage, because it is a vast improvement over previous types of cord tire construction.

It gives greater comfort because it is more flexible than the ordinary cord tire, and hence easier-riding.

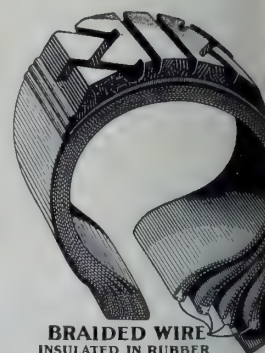
In the ordinary tire each ply of cord fabric is cut off at the bead, which is thus held in place merely by adhesion to the plies.

In the Integral Bead construction, used only by Kelly, the cords are *not* cut off, but by a special process are looped around the bead.

This construction has two marked advantages. It anchors the bead firmly in place, and it gives the whole tire a flexibility impossible where the ordinary type of construction is used. Not only does it make the *carcass* of the tire more flexible; it makes possible the use of a flexible *tread*.

The name "Kelly-Springfield" on a tire has always meant a thoroughly good product. In introducing the Kelly Flexible Cord to the motoring public we do so with full confidence that we are offering the best tire we have ever built.

The drawing at the right shows how the bead of the new Kelly Cord is formed by enclosing strips of braided wire in the loops of the cord fabric. The cords which form these loops are continuous from the beginning of the inmost ply to the end of the outer. The whole tire thus has a flexibility and "give" that is necessarily lacking in tires made by the ordinary method.



**BRAIDED WIRE
INSULATED IN RUBBER**

KELLY-SPRINGFIELD TIRES

STANDARD OF THE WORLD



CADILLAC Custom-Built BODIES IN 24 Master COLOR HARMONIES

ONE of the pleasures of purchasing a V-63 Cadillac with Custom-Built Body by Fisher is that you are enabled to gratify your individual taste in finish and upholstery.

Twenty-four master color harmonies and ten upholstery patterns in mohair and cloth—each a model of elegance and tastefulness—are submitted by Cadillac.

From among these you are invited to select the combination which exactly reflects your ideal of beauty.

The Custom-Built Body of your choice will be mounted on the V-63 chassis which is the climax and culmination of ten years of exclusive eight-cylinder manufacture.

It is a pleasure to own the motor car which is acknowledged to be Standard of the World; and the pleasure is even deeper when that car is endowed with an individual beauty of your own selection.

CADILLAC MOTOR CAR COMPANY, DETROIT, MICHIGAN
Division of General Motors Corporation

CADILLAC





*Look for this
trademark on the
back of the goods.*



Styles for every room in the house

Plain and Pastel Flat Finish

tints that can be hung as they come, or stenciled, frescoed, or Tiffany blended.

Decorative Flat Finish

conventional and foliage patterns, neutral toned designs of vague formations, stripes, mottled effects, and reproductions of tapestry, grass-cloth, leather and various fabrics.

Brocade and Metallic Finishes

in embossed effects for paneled treatments and trimmings.

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plain colors, tile effects and decorative patterns, for kitchens, bathrooms, etc.



SANITAS

MODERN
WALL COVERING

Makes your wall decorations a capital investment

THE most unkind critic of your walls is TIME. All wall decorations start out fine, but with plaster that cracks, artificial heat that dries out, blisters and peels off the wall covering, and atmospheric dust, soot from gas-lights and furnaces, and the finger-marks of never-too-careful children, most wall coverings have a hard time. And, to keep your rooms looking as they ought, the upkeep expense mounts high.

There is no upkeep cost to Sanitas Modern Wall Covering; no freshening-up that an occasional wiping with a damp cloth can't do; no cracks, tears, blisters, or peeled-off places to repair. Sanitas is not a temporary expedient

intended only to "last awhile." Its first cost is its only cost for many, many years. It really is a capital investment in your property, not an expense.

The reason is that Sanitas is made of cloth, ready-finished with durable, unfading oil colors. The cloth back doesn't show through on the surface, but it does do a lot to prevent cracks and hold an old wall firm. It can be applied on new walls as soon as the plaster is dry, or on old walls when the cracks have been filled, and is ideal for plasterboards.

Sanitas is a wall covering for general use, not just for bathrooms and kitchen. It comes in styles for every room in the house.

Ask your decorator to show you these new Sanitas styles.

Write to us for samples and descriptive booklet.

THE STANDARD TEXTILE PRODUCTS CO.,

320 Broadway, Dept. 21, New York

When you visit Atlantic City, see the Sanitas Exhibit at 1410 Boardwalk, Central Pier.



At the right, the character of furniture designed and executed for Louis XV's own use is suggested by an old French color print.

Above is a Karpen Louis XV group in walnut. Cover is silk damask, the back in velour. Arm chair is in gros point; tables by Karpen.

A king's furniture, re-created for homes of thrift and taste

THE magnificence of French court life under Louis XV inspired his master designers and craftsmen. Their gifted hands expressed in furniture the spirit and the splendor of the times.

Its grace and luxury were for the wealthy alone. In the stately rooms of the King's palace at Versailles, its beauty was locked away from all but a fortunate few.

With the passing generations, appreciation of Louis XV furniture has grown. Widely admired as it has been, it could be enjoyed until recently only by those to whom its cost was not an obstacle.

Now Karpen gives to your living room the charm of the salons of Versailles. Manufacturing genius has multiplied the productive power of skilled workmen. New comfort and utility are added to authentic design. And extravagance gives way to moderate investment.

Bringing furniture of distinguished character within every family budget is Karpen's contribution to American homes. The discriminating taste and sense of values possessed by our home-makers, in turn, have made Karpen the world's largest producer of upholstered furniture

and allowed factory economies now reflected in added quality and lower prices. Whether your need is a single chair or a harmonious group for your living room, library, sun room or reception hall—whether you favor period or modern design—Karpen's unusual range of styles and prices will match your requirements. Ask the merchant you like best to show you Karpen Furniture. If he hasn't it, let us tell you where in your city it can be found. Write to S. Karpen & Bros., 801-811 South Wabash Avenue, Chicago, or 37th Street and Broadway, New York.

UPHOLSTERED FURNITURE : HAND WOVEN FIBER

Find the name plate before you buy
Karpen
FURNITURE



ENAMELED CANE FURNITURE : WINDSOR CHAIRS



Belflor Inlaid
Pattern No. 7103/5

Belflor Inlaid
Pattern No. 2047/5

Belflor Inlaid
Pattern No. 7149/3

The vogue of colorful floors

EVERY time you lay a vivid Chinese or Oriental rug on your hard neutral-tinted wood floor, you're recognizing the importance of color in floors.

Now decorators are going farther—choosing a floor that is itself distinctive and colorful, a floor such as Nairn Inlaid Linoleum, and making it the foundation of the entire room scheme.

Quaint Dutch tiles, block patterns, moiré effects—there's a beautiful Nairn pattern for any period of furniture or interior that will add the modern touch of color and distinction to your floors.

Loveliest of all is the new *Belflor* Inlaid. A new and wonderful process renders each tile in a *Belflor* pattern slightly different in color-blending; the floor looks hand-tinted.

And you get so much besides beauty in *Belflor* and the other Nairn Inlaid: noiselessness, comfort, and unmatched durability.

These floors are practically permanent. With an occasional waxing, the soft colors stay fresh indefinitely for they go clear through to the sturdy burlap back.

And all this at a price below that of any similar floor-covering.

Ask your dealer to show you the Nairn patterns and to tell you about *Belflor*. Or write us for folder showing patterns in colors.

CONGOLEUM-NAIRN INC.

Philadelphia	New York	Boston	Chicago
Kansas City	San Francisco	Atlanta	Minneapolis
Cleveland	Dallas	Pittsburgh	New Orleans

This Three Thistle trade mark is on the back of every yard of

NAIRN LINOLEUM

Belflor Inlaid—a new line of 46 marbleized pattern effects of rare beauty. Made in light and heavy weights.

Straight Line Inlaid—clean cut inlaid tile patterns, machine inlaid.

Dutch Tiles and Moulded Inlaid—the mottled colors merge slightly to produce softened outlines.

Moiré Inlaid—a rich two-tone, all-over effect.

Granite and Marquise Inlaid—popular all-over mottled effects.

The edge shows you that the inlaid pattern is permanent, the color goes through to the burlap back.

Battleship Linoleum—heavyweight plain linoleum—made to meet U. S. Gov't specifications. In five colors.

Plain Linoleum—lighter weights of Battleship Linoleum. In six colors.

Cork Carpet—an extra resilient and quiet plain-colored flooring.

Printed Linoleum—beautiful designs printed in oil paint on genuine linoleum. Has a tough, glossy surface.

Linoleum Rugs—linoleum printed in handsome rug designs.

Pro-Lino—attractive patterns printed on a felt base.

Belflor Inlaid
Pattern No. 2047/1

Belflor Inlaid
Pattern No. 7146/4

NAIRN *INLAID* LINOLEUM



WAMSUTTA PERCALE sheets and pillow cases

Made in America—finest and strongest

SEEING and feeling Wamsutta Percale for the first time, most women are astonished at the amazingly soft, smooth texture of these beautiful sheets and pillow cases. Instinctively they compare them with expensive imported linens. A natural comparison; and perhaps the only one.

For Wamsutta Percale is quite *different* from ordinary cotton fabric. Its very loveliness and tremendous strength make it the superior of any sheeting, imported or domestic. Tests by Dr. E. B. Millard of the Massachusetts Institute of Technology, have proved that of 25 brands of sheets purchased in the open market and subjected to 160 washings, Wamsutta Percale Sheets



Wamsutta Percale
after 160 launderings



Ordinary Sheeting
after 160 Launderings

and Pillow Cases were stronger than any other. With the new Wamsutta Tape Selvedge adding still further to their durability, they are even replacing linen.

You can quickly identify Wamsutta Percale, woven and finished in New Bedford, Mass., by the green and gold label. It is your absolute protection when you buy.

For the bride's hope chest, for every gift occasion, for every bed in your home, Wamsutta Percale is ideal—especially when embroidered or monogrammed. At the best stores—plain, hemstitched or scalloped.

WAMSUTTA MILLS, New Bedford, Mass. Founded 1846
RIDLEY WATTS & CO., Selling Agents, 44 Leonard Street, N. Y.

The enlarged microscopic photographs above show how the finely woven texture of Wamsutta Percale is unharmed after the severe test of 160 launderings — while the texture of ordinary sheeting breaks down and separates.

WAMSUTTA PERCALE

Sheets and Pillow Cases ~ The Finest of Cottons

WAMSUTTA MILLS ALSO MAKE WAMSUTTA NAINSOOK, LUSTERSHEER, LINGERIE, WAMSUTTA UNDERWEAR CLOTH, AND WAMSUTTA OXFORD



“and really, it's no work at all, this new, easy way”

“Did you really have a good time at my party last night? I've just finished touching up the floors after the dancing. No, it isn't any trouble at all—only took me twenty minutes.

“My floors were a sight when the children went back to school. They had danced all over the house and I was almost discouraged. Then one day I read about the new, easy Johnson method and decided to try it. Now my floor troubles are over! And it's so easy and clean. No mess—no rags or pails—no soiled hands. Why, you don't even have to stoop.

“And, best of all, it's the most economical floor treatment I know. You just get a Johnson Floor Polishing Outfit which includes the Liquid Wax—a Lambs-wool Mop for applying and a Weighted Brush for polishing. That's all you need.

“First you pour a little of the Liquid Wax onto the lambs-wool mop—a few gliding strokes and the wax is on the floor. Then a few minutes of brisk polishing with the Weighted Brush—and the floor is transformed!

“Since I started waxing my floors they require only about half the care. Ordinary dry dusting keeps them immaculate. You see, the wax finish is so hard and dry that dirt and dust can't work in—it lays lightly on the surface and dusts off clean.

“And I've gotten rid of those ugly spots in the doorways and corridors! I just re-wax these places when they start to show wear. It isn't necessary to wax the whole floor—just touch up the traffic spots”.

\$6.65 Floor Polishing Outfit, \$5.00



It's the new, easy way to have beautiful waxed floors and linoleum. This Outfit Consists of:

1 Quart of Johnson's Liquid Wax.....	\$1.40
1 Johnson's Lambs-wool Wax Mop.....	1.50
1 Johnson's Weighted Floor Polishing Brush.....	3.50
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JOHNSON'S LIQUID WAX



The Rosebud Cherry is a cascade of delicate pink falling along slim and graceful branches and filling the air with fragrance

THE CHERRIES OF JAPAN

(Continued from page 92)

Cherries is made the occasion of a national holiday in Japan, annually decreed by the Emperor. And right merrily do the people enjoy the festival. It signifies that spring, the season of gladness, has come. Old and young, rich and poor put on their best raiment, visit and entertain their relatives and friends. There is something peculiarly gay and cheery about these white and pink Cherry blossoms, and the prodigality of flowers and joyousness of color is ravishing.

It is sixty years since the first Japanese Cherry was introduced into America, but where are the fine specimen trees that one might reasonably expect to see? Here and there where trees directly imported from Japan have been planted, fair examples are to be seen, but it is only within the last twenty-five years that such trees have been available in any quantity, and they are still all too rare. The early importations were nearly all used for purposes of propagation by budding and grafting on European stocks. This has been a curse. In the practice of gardening the art of grafting and budding is useful, nay it is essential, but it is greatly abused. As a means of perpetuating many fruit and certain flowering plants it may be deemed indispensable. By the trade the art is often practised as a means of quickly producing saleable plants, but results in much disappointment to the purchasers. Too little attention has been paid to finding out the right kind of stocks to use, and especially is this true in regard to flowering trees and shrubs.

With the Japanese Cherries it has been the practice to graft or bud them upon the Gean (*Prunus avium*), the Wild Cherry (*P. cerasus*) and other western species, and the results are far from being satisfactory. In fact, such stocks are quite unsuitable, and the sooner this is accepted the better.

Many of the Japanese Cherries root readily from cuttings; all the species and their wild forms may be raised from seeds. The double-flowered and anomalous garden forms should be budded or grafted on their wild prototypes. Planted closely together for

a year or two and pruned to a stem young trees suitable for any required purpose are soon obtained.

Confused nomenclature has also acted as a deterrent. In fact, this and unsuitable stocks for their propagation are largely responsible for the subordinate position Japanese Cherries occupy in our gardens at the present time.

I do not recommend indiscriminate, or even general planting of the double-flowered forms. Even in Japan they are neither large nor long-lived trees. Short-stemmed, at the most 30 feet tall and as much through the crown is their maximum, and such trees are rarely seen. Prematurely old lichen-clad and decrepit trees one often sees, and such the people of Japan admire; but not so ourselves. Near buildings and out of the wind—for being surface rooting they are easily blown down—an occasional double-flowered cherry is all right; but for avenues, margins of woods or the pleasure grounds it is the single-flowered species and their wild forms which grow into large and long-lived trees, that should be planted. The Japanese have a keen eye for detecting points of difference among their favorite flowers. They recognise more than a hundred forms of Cherries, but for all practical purposes the distinct double-flowering forms may be included in a couple of dozen kinds.

The Cherries of the Orient may be used for many purposes in the embellishment of the gardens and parks of America. For avenues there are no finer deciduous trees with pleasing blossoms than the Sargent Cherry (*P. serrulata* var. *sachalinensis*) and the Tokyo Cherry (*P. yedoensis*). As a specimen on the lawn or in the park, none is finer than the Rosebud Cherry (*P. subhirtella* var. *pendula*)—I mean real trees, not the stunted apologies one usually sees. For any purpose where small trees are in request, nothing could be more beautiful than the Spring Cherry (*P. subhirtella*) with its myriads of soft pink blossoms. Seen in the early morning against a blue sky with the dew still in evidence, it is a vision of perfect beauty. The

(Continued on page 116)

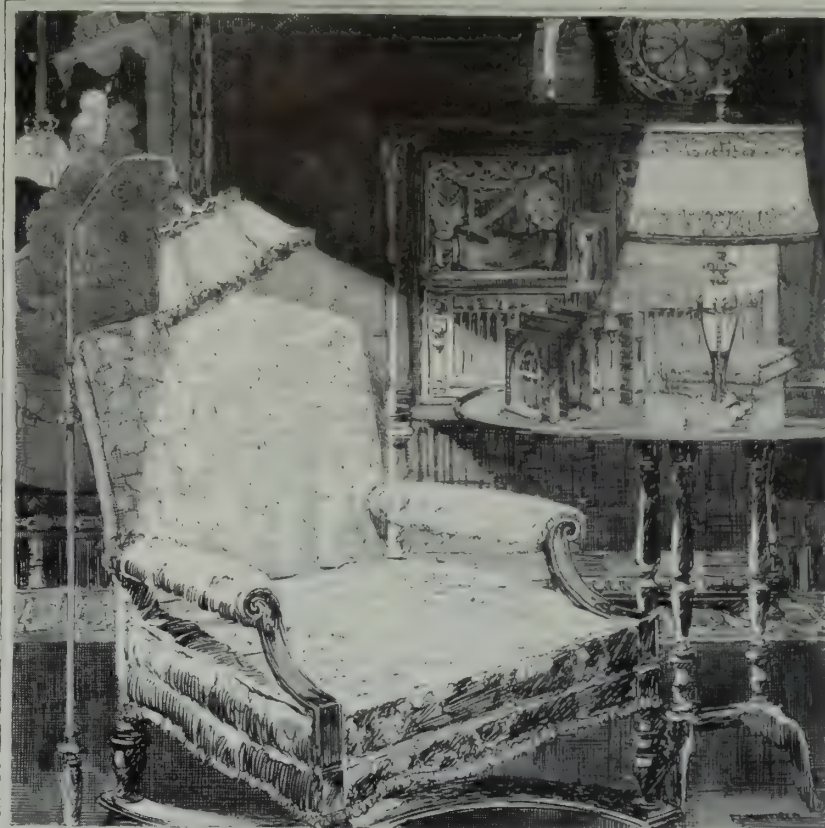


Evidence of the exceptional values to be found in Almco Lamps is this handsome bridge lamp with an all-metal base finished in plated French gold and a georgette shade edged with black and gold ruching.

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A slim standard of plated bronze and gold on an onyx base is topped by an exquisite shade of gold cloth and green taffeta with a bronze glow when lighted. \$135



Combine a green etched vase, old gold plated metal, a base of onyx and a shade of gold cloth and lace and you have the fascinating lamp pictured. \$195

You remember the ugly, clumsy lamps that a few years ago were the only ones available. You had them in your own home, but you never liked them. The bases were heavy and crude—the shades were gaudy, and frequently, because they were bought separately, were inharmonious.

Then, one day, you heard of a new idea in lamp design — Almco Lamps, each lamp created as a complete unit, with base, shade and every detail of design, color and finish in accord; and each lamp embodying a new conception of artistry and a new standard of craftsmanship.

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to have in her home lamps that are fine and beautiful, that are in the most exquisite taste, but that are not prohibitive in price. The newest fashion sponsored by the creators of these lovely lamps is the interesting plated finishes, simulating antique and bright gold, silver, French bronze, English brass, Swedish iron and other rich and handsome effects.

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Ahrenfeldt China

"The Aristocrat of French China"



The noblest of all Cherries is the Sargent variety, *Prunus serrulata sachalinensis*, with its majestic, oak-like form and large soft pink flowers

THE CHERRIES OF JAPAN

(Continued from page 114)

cult of the Rhododendron is vastly on the increase and devotees should plant Cherry trees in association with the broad-leaved favorites, for these give just the requisite amount of shade and are added beauty. Raise the Cherry trees from seeds—plant them in quantity—there will be no regrets. In central China, Cherry trees are a feature of mixed woods and beneath them luxuriate evergreen Rhododendrons. Often have I fondled the opening flower-trusses of *R. sutchuenense* intermingled with the white and pink petals of *Prunus conradinae*, *P. serrulata* var. *spontanea*, its sister, var. *pubescens*, and *P. subhirtella* var. *ascendens*.

Cherries are sun-loving trees and enjoy a warm, light loamy soil. Against a foil of evergreens the flowers are seen to best advantage. In the forests of evergreen Oaks and Laurels which clothe the higher mountains of interior Formosa the red-flowered *Prunus campanulata* is indigenous, and, as I write, the picture is presented in February, 1918, and its perfect setting comes vividly to mind. But this Cherry, most richly colored of all, is only for those who garden on the Pacific Slope and other

favorable spots. Not long ago in Pasadena in sunny California a letter reached me extolling this Cherry—claiming it the best of my introductions there.

In Japan nine species with several varieties are indigenous. All are worthy, most of them excellent. Several of them also grow in the forests of Korea and China. Many species have been described from interior China, but their distinctiveness and the garden merit of those introduced have yet to be fully demonstrated. Such as *P. concinna*, *P. sinuata* and *P. conradinae*, all small trees, are undoubtedly acquisitions, while *P. serrula* is worth growing for its handsome yellow-brown bark, at the rank and file are inferior to be about to be described.

The first Oriental Cherry introduced into the Occident came from Canton in 1819 and was named *P. pseudo-cerasus*. This species is still in Hupeh but cultivated in many parts of China for its fruits. Long ago it was introduced into Japan for the same purpose and is occasionally still there to-day. The flowers are widely and freely produced and pretty, but

(Continued on page 122)



One of the most effective of the double-flowered pink Cherries is the variety Ogon

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Brunswick Phonograph
alone without radio, and
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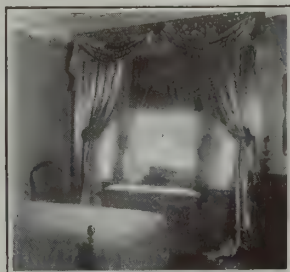
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COLOR COMFORT IN THE HOME

HALL THORPE, R. B. A.

THEY were seated in the showroom of a large wall paper emporium; she was a prosperous looking little woman, utterly bewildered but trying hard to appear intelligent, and by her side, dogged and disgruntled, sat her husband, a busy city man inwardly fuming at the loss of time. She had evidently insisted upon him coming with her to choose the new wall papers and here they were seated like babes beneath the hypnotic blandishments of the young salesman. Roll upon roll of paper flashed before them in every color and contortion of design, while the young man revelled in his power, swept aside their feeble protests and sold them wall papers for dining-room, bedroom, kitchen and hall. "Here is just what you want, Madam, something bright and cheerful"—and he unloaded upon them an aggressively patterned paper in blue and tomato red. "Something smart for your bedroom"—pink roses and blue ribbons on discordant green and so on. I was fascinated and found it difficult to attend to my own purchases, here was a tragedy being enacted before my very eyes, a tragedy that accounted for much of the hideousness of our homes. This young man was selling them papers for every room, yet he never once enquired as to what carpets, curtains or furniture were expected to go with them, or whether the rooms faced north or south, were large or small; he was out just to sell wall paper with a strong bias toward getting rid if possible of old stock. They, on their part, dear people, had come quite unprepared for the work in hand, without any definite idea or scheme, either as to color or design and the result inevitably would be a house devoid of color comfort, where carpets, curtains and wall papers clash and curse in continual conflict.

Which all goes to show that har-

mony of color in furnishing can only be gained by careful consideration of the problem as a whole, a comprehensive grasp of the subject which will bring all details into harmonizing unity.

To gain such a result it would seem most necessary that all thinking and planning should be done away from the shops where the mind can be entirely free to consider the practical necessities of the problem.

Nothing is more distracting to the furnisher than the gorgeous displays of fabrics to be found in the modern store, where endless variety and enticing color beguile the unwary into premature purchases. So much which appears beautiful in the shop would be found quite impossible in the home surroundings and trouble awaits the furnisher who buys on a wave of emotion and tries to make his purchase "fit in" somewhere.

That is why successful results in furnishing, it would seem, are more dependent upon qualities of character, such as poise, thoughtfulness and refinement of thought, rather than upon what is often mis-called good taste and artistic talent. Sometimes the most foolish and impractical color schemes are evolved by professional artists and people who possess scientific knowledge of color but who seem to apply their knowledge in this respect apart from ordinary common sense. In fact, success in this direction as in every other is the result of clear, sensible thinking, good taste being simply the expression of good thinking.

Much of the ugliness and lack of order in our homes is due simply to thoughtlessness and to the general belief that questions of taste are matters of feeling or of some special artistic gift beyond the pale of rule and reasoning, possessed only by a few rare, aesthetic souls.



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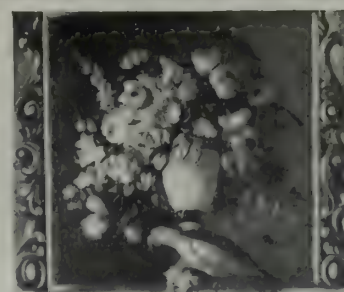
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COLOR SCHEMES and WOODCUTS

The color scheme in modern furnishing has created a demand for a distinctive type of pictorial art, pure and simple in coloring and decorative in treatment. Such work in order to be practical for this purpose should possess a dominant note of color or a gay medley of tones which can be used to pick up the colors of the fabrics chosen. In this respect there is undoubtedly a definite searching out for something adaptable and different to the heavily gold framed oil painting and the only too frequent colorless water-color, both of which are extremely difficult to work into any scheme where color is concerned. Of course where suitable paintings can be found in these mediums, with good qualities of color, they are invaluable and can be made a centre of interest around which a scheme of decoration can be built. Apart however from this

question of color, the demand has been for something more flexible and more adaptable to experiment and change than the costly original painting and as a result the furnisher has naturally turned his attention to the many forms of inexpensive color print.

In this direction endless variety and unlimited choice is to be found in the print shops of to-day of original prints in lithography, woodcut and etching, also in beautiful reproductions in color of original paintings, wonderfully perfect in technical skill. Because of its color appeal and distinctive quality as a direct expression of the artist's thought, the color woodcut has taken a foremost place in the affections of the house decorator. He finds in it a work of art so moderate in price as to allow him to follow out his aesthetic fancies and demonstrate his dreams of color.



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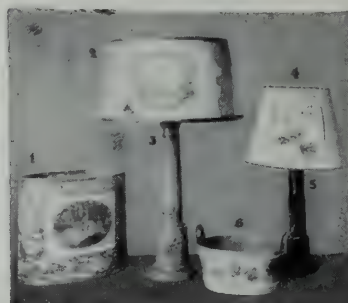
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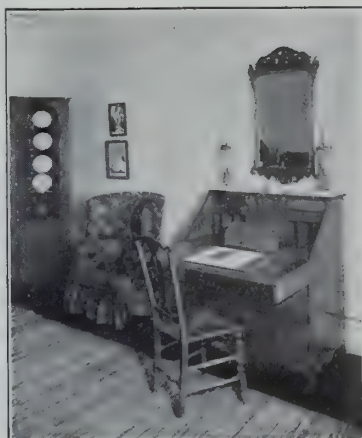
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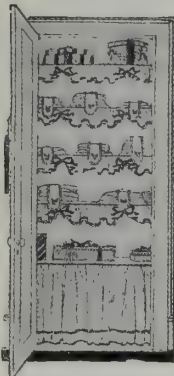


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fort, given sufficient wall space around them and grouped with a sense of unified arrangement as regards the other objects of the room. This of course would rule out the hanging of them over doors, in dark corners and in positions where they cannot be properly seen. Only those pictures which are worth looking at should be hung, nothing should be "put up to be out of the way!" In fact, if your pictures are not worth looking at and are not able to take their place as an integral part of your room—Scrap them!

Better to have the quiet comfort of plain walls than the depressing effect of framed rubbish. Nothing perhaps exerts such a subtle and persistent influence upon us as the walls and pictures of our homes enfolding us in their continual influence; they either elevate or depress our thought.



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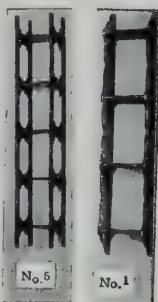
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COLOR SCHEMES

In the case of color schemes practical reasons should determine the choice of colors. Thus a small and badly lit room would require light, bright and cheerful coloring, while a room with plenty of sun would demand cooler tones such as grey, green, blue or buff. Again the dado on stairway, hall or kitchen where heavy wear is expected naturally calls for some dark, protective tone. Always the question of utility if kept in mind will guide in selection of color and fabrics and help towards a unified effect. Strong colors such as vermilion, orange, emerald green and purple if used in large quantities are apt to become tiring. Reserve is essential in the use of such tones and enhances their effectiveness.

Neutral tones of warm and cold

grey are most valuable in leading up to strong effects of color, while bright contrasting tones with the use of black and white will give smartness and vitality. If a harmonising tone effect is desired a few colors should be used, in a gradual blending relation to each other, thus in a scheme of grey walls, gold lines and green fabrics, something of the green should be mixed into the grey of the walls, the wall color and gold might also repeat in the curtains and carpet, while all the colors could be repeated in the pictures with the addition of a touch of some brighter note of orange or purple. Such a room would be quiet and restful as a result of the simple blending of the colors. There is always safety in simplicity and a few colors are easier to handle than many.



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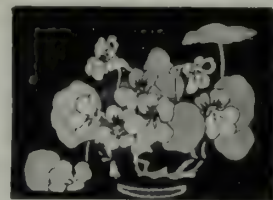


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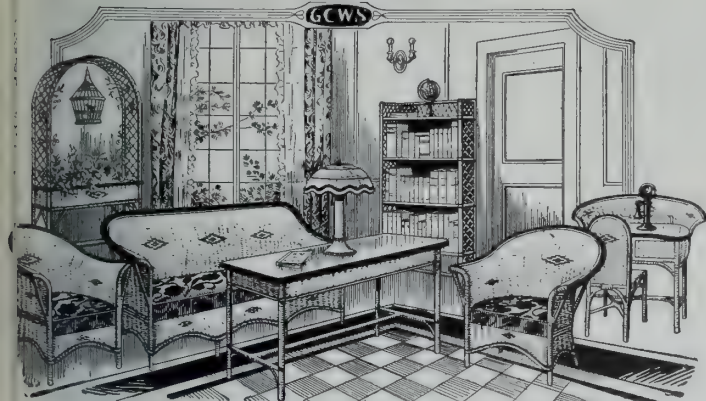
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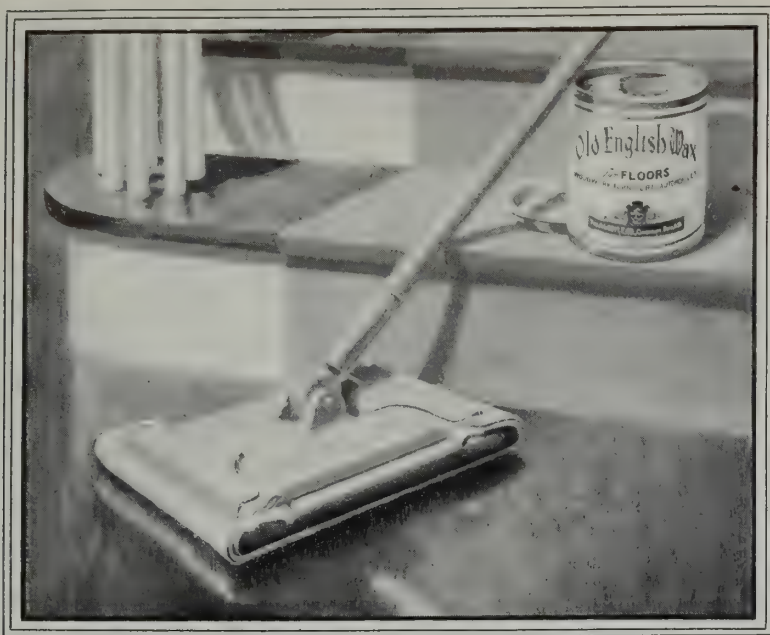
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THE CHERRIES OF JAPAN

(Continued from page 116)

tree is tender and of no outstanding merit as an ornamental. I would not mention it here but for the fact that its name has been promiscuously applied to the flowering Cherries of Japan, with which it has absolutely nothing to do.

The next Cherry introduced also came from Canton and had double white flowers. This was named *P. serrulata* in 1830. Good trees of this I have not seen in America but in the Cambridge Botanic Gardens, England, and also in Kew there are fair specimens. They are low, thanks to grafting, with rigid, horizontal, spreading branches and, out of blossom, are more remarkable, than beautiful in appearance. This Cherry is simply a double-flowered form of a species common in the woods and forests of central China and of northeastern Asia generally, and now known as *P. serrulata* var. *spontanea*. In the north of Japan it is replaced by the larger-flowered variety *sachalinensis*.

SOME MORE INTRODUCTIONS

Associated with both these, and having a wider distribution than any other Asiatic Cherry, is the variety *pubescens*, distinguished by its hairiness. Where and when the double-flowered *P. serrulata* originated is unknown and the same is true of its pink counterpart var. *rosea*. They are well distinguished from all other forms by their smaller flowers crowded with narrow petals.

The wild varieties *spontanea* and *pubescens* are the common Cherries of the Far East and in Japan are called "Yama-zakura," that is, Mountain Cherry. These trees grow to 75 feet in height, with a trunk sometimes 12 feet in girth; they have stout ascending branches and pale to rose pink blossoms an inch or less across. The young foliage is a bronze, metallic green and in the autumn changes to shades of yellow, orange and crimson, which adds much to the attractiveness of these trees. The more northern form (var. *sachalinensis*), the Sargent Cherry, is distinguished by its large flowers, each from one to one and three-quarters inches across, often rose-pink, rarely white, in color. This is the most hardy and the largest growing of all Asiatic Cherries, and if one kind only can be planted it should be this. The finest of the pink and rose-colored double-flowered Cherries are forms of this variety. The six best are *Kirin*, *Horinji*, *Ichijo*, *Fugenjo*, its white form *Shirofugen*, and the late-flowering *Sekiyama* (or *Kanzan* as it is usually called).

The principal parent of Japanese Cherries is *P. Lannesiana* var. *albida*, which is native to the volcanic Seven Isles of Idzu, the Boshu Peninsula and elsewhere in the warm parts of Japan. It is a smaller tree than the preceding, with pale bark and white or pale pink fragrant flowers. It is not so hardy as the varieties of *serrulata* nor so long-lived, though of rapid growth. Of the scores of named forms of this Cherry the following dozen are among the best: *Jonioi*, *Sumizome*, *Senriko*, *Ogon*, *Yaye-akebono*, *Botanzakura*, *Miyako*, *Hata-zakura*, and *grandi-*

flora, known to the Japanese as *Asagi* and remarkable for yellow flowers. Another species of double flowers is *P. Sieboldii*, called in the trade Waterer's which is characterised by the appressed, fulvous-gray hairs clothe the leaves. This is a moderate size, and, though cultivated in Japan, has not yet reported in a wild state. Like *nesiana* and its forms, this Cherry also be rooted from cuttings.

Of the Spring or Rosebud Cherry there are four distinct types. The form is *P. subhirtella* var. *asiatica* which is indigenous to the west of Central China, Formosa and Japan. It is a large tree with a wide spreading crown, but is less beautiful in blossom than its sisters. The *pendula* is well described by its name and the tree in size equals that of the wild form. What has to be said of specific name of *P. subhirtella* is a small tree, probably of garden origin and is the most floriferous and the most pleasing of all Japanese Cherries. It is the *Higan-sak* Spring Cherry. The fourth form is a semi-double flowers which are times most freely produced in autumn and, in consequence, is var. *autumnalis*. Very often it is sparsely in the spring and from the autumn; in other seasons the opposite prevails. All the forms of *P. subhirtella* should be worked the type; they will also root from cuttings. From seed a percentage true, but the tendency of the variety is to revert to the wild form, *spontanea*. All have pink blossoms, in the bud, hence the name Rose Cherries.

THE HERALD OF THE FESTIVAL

A quick-growing and hardy tree is the Tokyo Cherry (*P. serrulata* var. *spontanea*) whose opening blossoms herald the Cherry festival. Though abundantly planted in Tokyo and elsewhere this Cherry is of unknown origin, and is, very possibly, a native. It has a short but thick trunk and large spreading branches which form a broad rounded crown. The flowers are white to pale pink and are characterised by their hairy, cylindrical petals and flower-stalk. It is a magnificent tree for avenue planting and may be readily raised from seed. Three other Japanese species, *P. mowiczii*, *P. nipponica* and *P. alba* are of lesser merit. This article will end with mention of *P. serrulata*, a species abundant on the lower slopes of sacred Fuji-yama and one of the most pleasing of all, yet virtually unknown to American gardens. It is a bush from 5 to 15 feet tall, and under favorable conditions, a small tree from 25 to 30 feet tall, with a neat crown of spreading and spreading twiggy branches. The flowers are usually nodding and in color from white to pale pink. The cupule and sepals are vinous red, the stamens are tinged with the color, and the anthers are golden. The Cherry is more hardy, more floriferous or more lovely than this the *P. serrulata*—Pigmy Cherry of Japan.

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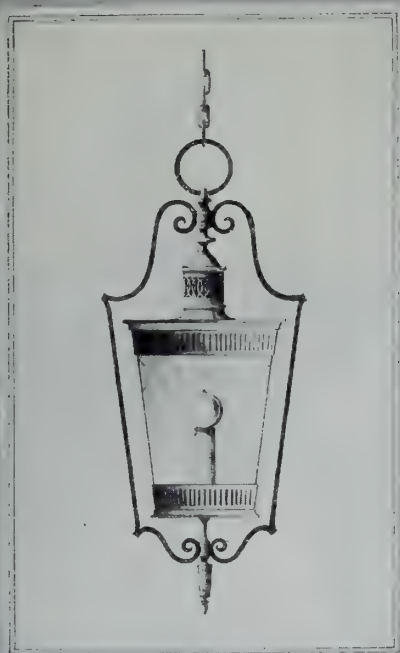
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The top is of solid walnut. The entire piece is constructed and finished with the characteristic fine workmanship and feeling of the French craftsmen. It is of a most convenient size, and will be found very useful in a library or living room with other pieces of the same period, or even in combination with certain other types of furniture.

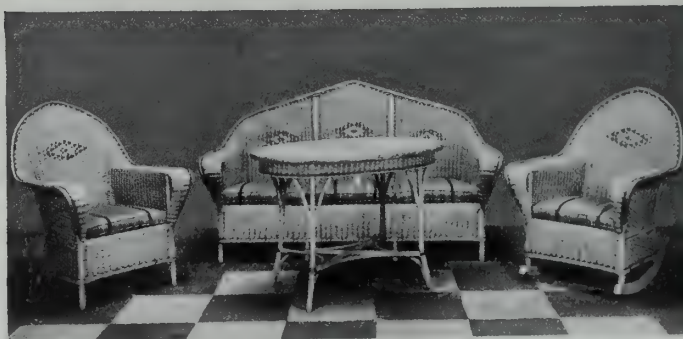


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Jiffy-Dine adapts itself readily to the furnishings of the downtown apartment, the small house and the breakfast nook or the sun porch in the country house. It will not only appeal to your sense of the artistic, but to your sense of economy, as well. It isn't money so much as just "knowing how" that's put beauty into the home—and the Jiffy-Dine exactly fits!

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A small hall in the new wing is given distinction by a graceful arched doorway and an interesting assortment of French and English furniture

THE HOUSE A FORD BUILT

(Continued from page 73)

rusty, the boiler not attached, no running water except in the kitchen, every dish, pot, and pan used and left unwashed by the workmen, bitter cold and not a fireplace in the house, no lamps, a telephone where we were twelfth on the line and could never get the wire, and except for food every source of supply over twelve miles away.

Prepared to build the house were two carpenters, one mason and his helper Tony, one plumber and his assistant, and one painter, with myself as contractor and overseer. Electricity was dispensed with as an unnecessary extravagance. On purchasing a Ford it immediately proved itself the greatest of domestic animals. Together we hauled the kegs of nails, the paint, the cement, the plaster and hair, the tools the workmen had left at home, the workmen themselves, the furniture that was picked up about the country, food and grain and visitors.

We began work by raising the ceil-

ing in the dining room a few inches to show the old hand-hewn beams, and the fireplace was started. I had been able to get a quantity of old brick from around the countryside—pink uneven, handmade brick that was bought and hauled for ten dollars a thousand. There was so much of it that Mr. Weeks suggested that we veneer the face of the shed up to the gable. This was done by the simple means of holding the brick with big nails driven through the boards into the studding.

The dining room fireplace called for an oven door on the right side about three feet up. The day came when Cooper was within three courses of where the door should be and no door had been found. Feeling the situation was quite desperate I thrust my hands deep into my pockets and wandered into the shed hoping that the two great white oxen which were dragging shovels of mud from the

(Continued on page 126)



This livable fireplace group with its comfortable wing chair and built-in bookcase is in the main bedroom. Mrs. Bullitt was the decorator



Typical of Luminier good taste is this Georgian bracket—one of an infinite variety on display at Luminier.

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The paneling at one end of the living room came, after much persuasion, from an old house in Deerfield, Mass. The screens are square made of old shutters

THE HOUSE A FORD BUILT

(Continued from page 124)

floor would prove an inspiration. I asked their driver what he thought about oven doors. He was a true stage rustic with every other tooth gone and a very pleasing way of saying, "I swan". This time he swanned he knewed of one. "The folks had tore down a chimney with one of them things in it about three years ago." I thereupon bade him leave his oxen knee deep in mire and guide the way to the farm. Its genial owners took us at once to the garret, a big room piled waist high with the junk of a hundred and fifty years; not a nail or an old door knob had been thrown away, the true New England farmhouse attic. No one knew whether the door had been saved or not but we were welcome to it if we could find it. The mess was so thorough that after kicking about the rubbish for ten minutes or so I felt it was hopeless and told the rustic so. The mason was getting eighteen dollars a day and coming sixteen miles to work; the idea of his sitting doing nothing while we looked for oven doors was unnerving so I went down and got into the Ford and shouted for the rustic. He lounged into view swinging the door by its handle.

"I knowed about how deep three years dumpin's was buried in them garrets," was all he said.

There was almost no job that the overseer didn't think she knew more about than the man who was doing it. Nails were ruined laying bricks with a close joint, the skin peeled off her hands rubbing down the knife-like edges of the dining room fireplace, and making a bulge here and a hollow there; the oxen, beautiful as they were, were ordered to stop digging in the shed. It was pleasant to hear their feet go squish, squoosh, but they made mud as fast as they dug it out.

"Lay the sleepers for the floor", she ordered, "a cellar really is not so essential. And take out also, the lower tier of beams in the big room."

"The house may fall down if you do," said the carpenter.

"Houses," she answered, "practically never do that. And the two-fours for the laths will reinforce."

The uprights were adzed and squared. The old roof was left as it was except for a coat of stain. The walls were done in hand-finished plaster which Cooper put on after a manner of his own. Big wall spaces were filled in with a set of Dutch paintings and covered with tapestries. The floors were laid with plain kiln dried Maine Carolina Pine, the width of the boards varying from eight to fourteen inches and their edges planed off just enough to prevent the joints from being too close. Stained the color of old wax and endlessly polished with Butcher's Wax they made a beautiful floor, one which it would be impossible to keep from warping if there were a furnace in the house.

As work went on with a casual regard of blueprints, Ford and the overseer bounced over the New England roads in search of old cupboards and paneling corner cupboards and windows with six-by-eight panes of hand-rolled glass that was full of bubbles and decidedly difficult and greenish to see through. She had told that the country people sell nothing, but she needed things badly. Her appetite for cupboards was particularly feasting so she set out undiscouraged by the independence of the settlers.

As for the windows, my land could anyone want with them? They were the worst chore to get so by putting in new ones in exchange for the old the harmony of the countryside was increased rather than diminished by her depredations.

The paneling was harder to get and the method of approach was less direct. The overseer did not go into a farmhouse and crudely ask them anything to sell. She asked if she could not work for Ford which always boiled over. She then admired the crops and the geraniums and the children and

(Continued on page 131)

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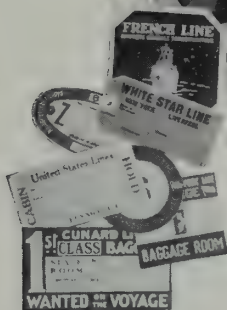
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No scheme of decoration can be successfully employed without oak floors to serve as a ground color.

The one touch of refinement is essential to every well planned home.

It is fortunate that oak floors are not a priced luxury, but economy is the least important feature in the use of this evergreen wood. It was not economy or durability that led the French nobility to select oak. Neither was it a factor with our colonial forebears. Oak was chosen for flooring because in no other way could a scheme of decoration be successfully and truthfully employed that would harmonize with the exquisite taste displayed in the appointments of their chambers.

What held true then, holds true today. Every one with a keen appreciation of interior arrangement recognizes in oak floors beauty spots that enhance the charm of any room. They are the one touch of refinement no home lover could afford to overlook.

For happiest results specify Perfection Oak Flooring when you plan your new home or remodel your present dwelling. In Perfection you will find a beauty of grain and uniformity of texture that will assure you of a perfect floor.

If the leading lumber dealer does not carry Perfection, write us and we will give you the address of one near you.

Our latest booklet on the entire subject of oak floors—entitled, "The Overlooked Beauty Spots in Your Home," will prove invaluable. We will be pleased to mail it to you on receipt of your name and address. The edition is limited. Profusely illustrated, attractively bound. A immediate request is advised.

ARKANSAS OAK FLOORING COMPANY
PINE BLUFF, ARK.



REG. U. S. PAT. OFF.

PERFECTION

Brand Oak Flooring



A VELOURS *de* GÊNES

from the princely velvets of the Renaissance



ALL the opulence and splendour of Genoa "the Superb" lives again in this Velours de Gênes. Such were the stately velvets of the Renaissance—that epoch which was in truth a golden age of beauty. Its fabrics were woven inspirations, worthy of comparison with masterpieces in metal from the gifted fingers of Cellini.

In this fabric, floral velvet figures in soft pile stand out sharply against a plain ground with that arresting contrast of texture that made Genoese velvets famous over all the XVI Century world. The lavish splendour of that full-blooded age shows in the florid but exquisitely symmetrical design, encircled by the feather-like foliage springing up with rhyth-

mic grace from the base of the central motif.

Intentional irregularities of weave have accentuated the feeling of age, and convey the spirit of an antique velvet that might have hung for long centuries in the throne room of prince or pontiff.

Many velvets, figured and plain, are in our stock; also tapestries, brocatelles, brocades and damasks in modern and antique designs. We also carry plain fabrics and an extensive range of printed linens and chintzes.

Your own decorator and upholsterer will arrange for you to see them, and attend to the purchase for you.

F. Schumacher & Co., Importers, Manufacturers, Distributors to the trade only, of Decorative Drapery and Upholstery Fabrics. 60 West 40th Street, New York. Offices in Boston, Chicago and Philadelphia.

F-SCHUMACHER & CO.



This view of the formal gardens and west facade of the home of Judge Morgan J. O'Brien at Southampton, L. I., illustrates one of the main problems in curtaining windows of the modern house (as explained below). (The marriage of Judge O'Brien's son Kenneth to Miss Kathryn Mackay will be recalled as one of the notable events of the past social season.)

When a garden complicates your curtain problem

THE formal gardens of Judge Morgan J. O'Brien's Southampton estate, shown above, indicate the problem to be solved in curtaining the windows of the O'Brien home—or most homes for that matter.

Such a view demands a highly transparent curtain—a curtain which will give the desired privacy to the room with the least possible interference with the view.

Naturally, only a net or lace curtain will serve such a purpose. And the obvious suggestion is the use of a plain Quaker Filet net.

Indeed, such a choice might be called the "safe" course. The plain filet would give the desired privacy without obstructing the view of the delightful garden.

But like most "safe" courses in decoration it has one fault—it lacks that individuality which is, after all, the essence of good decoration.

In selecting Quaker Overtone Net in a burnt orange overtone, Judge O'Brien has obtained the essential transparency and privacy (the distinctive features of all net—or lace—curtainings) plus an expression of personality lacking in a plain fabric.

The illustration on the opposite page gives a fair idea of the happiness of the selection—at least as good an idea as can ever be gotten from an illustration. For the beauty of a curtain is not an obvious beauty; the curtain itself must be seen to be appreciated; in that very fact lies its charm.

One thing more: Quaker curtains are made for every type of house, made in many styles and at the widest range of price, but always in one quality. The name Quaker on a curtain or net is a quality index like the karat mark in solid gold.



QUAKER LACE COMPANY

Lace Works and Accounting Rooms:
4th Street and Lehigh Avenue, Philadelphia, Pa.

Wholesale Sales Rooms:
890 Broadway, corner 19th Street, New York City



Quaker Overtone Net here solves a typical curtain problem: It affords complete privacy, though it is transparent enough to permit a charming view of the owner's garden; and it has just enough color to diffuse a soft warm light throughout the room.

Decorators' Methods of Window Curtaining" a booklet by Philip H. Pratt, Head of the Dept. of Design, Pratt Institute, will be mailed to you on request.



QUAKER LACE COMPANY

Lace Works and Accounting Rooms:
4th Street and Lehigh Avenue, Philadelphia, Pa.

Wholesale Sales Rooms:
890 Broadway, corner 19th Street, New York City



When an antiseptic is
needed use Listerine,
the *safe* antiseptic

LAMBERT PHARMACAL COMPANY, SAINT LOUIS, U.S.A.
TORONTO LONDON MELBOURNE PARIS MADRID MEXICO CITY

White with Frost . . .



This freezing unit, so cold that it chills all moisture out of the air, creates the—

Zone of Kelvination

Picture a metal freezing unit, thickly coated with white frost, in the ice compartment of your own refrigerator. Imagine this freezing unit nearly twenty degrees colder than ice. It never melts, never gets smaller, never needs renewing. This is Kelvinator Electric Refrigeration.

It works a wonderful transformation in any refrigerator. First of all it makes it colder. Second, it causes all moisture to disappear from the inside of the refrigerator. The air becomes dry;—as crisp and sharp as the air on a frosty morning.

This dry cold is the wonder-working Zone of Kelvination. It has a remarkable effect on foods. It not only keeps

them fresh and appetizing for *days*, but actually improves them. It causes green vegetables and salads to "crisp up" in the most tempting manner. It mellows meats, giving them a tenderness and flavor that is delightful.

In the frost-covered freezing unit there are trays where crystal-clear or brightly colored cubes of ice can be frozen for table use. The same trays can be used for freezing sherbets, ices and new and delightful frozen salads.

Kelvinator relieves the user of the annoyance of ice delivery and the inconvenience of caring for an ice box. With all these advantages it is an actual economy.

The Kelvin-et, combining Kelvinator and refrigerator all in one, will interest those living in small homes and apartments. It is priced at \$250, installed, F. O. B. Detroit.

KELVINATOR CORPORATION
2054 WEST FORT STREET, DETROIT, MICH.
Kelvinator of Canada, Ltd., 16 Temperance Street, Toronto

(113)

Kelvinator

The Oldest Domestic Electric Refrigeration

Good Buildings Deserve Good Hardware



"My dear—this hardware is simply perfect"

IT certainly should be. French Doors are notoriously fussy about their hardware—in fact, nearly all doors are.

To suit their ideas of how hardware should work and yours of how it should look is no small responsibility. But how completely it is met by Good Hardware—Corbin.

Both in service and sightliness Corbin Hardware seems to sense one's slightest whim. Graciously, Corbin Hinges swing doors open for the breeze—Corbin Door Checks close them tightly against storm—Corbin locks secure them firmly against intrusion.

Good Hardware does these things wherever used. Capable in office buildings, beautiful and useful in homes, impressive in public buildings and hotels, serviceable in factory, school and store, Good Hardware—Corbin—belongs on good buildings and is found on thousands of them. It is a joy to live with.

A word from you will bring two helpful booklets—"Locksets for French Doors" and "Good Buildings Deserve Good Hardware"

P. & F. CORBIN SINCE 1849 NEW BRITAIN CONNECTICUT
The American Hardware Corporation, Successor
New York Chicago Philadelphia

THE HOUSE A FORD BUILT

(Continued from page 126)

when the youngest had had the whooping-cough. Then she was invited to come in and set a spell.

"That is lovely paneling," she said.

"That!" they exclaimed scornfully. "We'd rather have paper, it's less old fashioned."

"I will plaster and paper the walls for you if you will let me have it, and bring a carpenter to take it out."

This with not too much eagerness.

"Well now, I'd have to ask John. The house belonged to his great grandfather. John ain't here, but if you come back another day", etc.

Coming back another day she would find that John had consented. And so it was possible to pick up woodwork and cupboards and old pine doors with their strap hinges and quaint latches, and a set of sliding shutters that completely paneled a bedroom. In each case, new doors and windows were given in exchange for old, but it was conversation and not dollars that softened the heart of the New England farmer. Two years of conversation were required to buy the paneling for the end of the living room. It came from Deerfield and the man who owned it would not sell it because he enjoyed having people squirm when he drove nails into the woodwork. When scraped and oiled it was found to be golden pumpkin pine which even Mr. Sleeper eyed covetously as it is very difficult to find.

As for corner cupboards they were a great trial. Those which were unpainted the overseer felt called upon to paint and those which were covered with generations of lead and oil she

nearly asphyxiated herself by attacking with paint remover, or burned her hands and nails by smearing with potash. The week-end guest was made to suffer. Many a man earned board those first two summers with sandpaper and lye.

Slowly the place became habitable. Although the carpenters used to somewhere else and the plumber failed to appear and the paperhanger said he must wait for the painter and the painter for the plasterer and the plasterer for the carpenter and the carpenter for the plumber, somehow the house pulled itself together, while Ford and the overseer worked thirty-six hours a day seeing that the supply was equal to the demand.

The road which ran past the front door was moved over the drop of the hill. A stone-walled terrace was built the length of house and reconstructed so that the buildings no longer stood up in the air. Quantities of Phlox and Larkspur and Lupin and Hollyhocks were planted, all of which grew immoderately high, and flagstone paths were laid around the house. Wild Cucumber vines scrambled rapidly over the clap boards and junipers were built in the front meadow for the horses. The curtains were hung and pieces of furniture which were needed desperately either were found or became less necessary. But even the house will never be done. There is always one room which is unsuccessful or an addition to be built. If retired bank president or railroad magnate wishes to remain as busy as harassed as he has been in the past, let him build a country house and manage a farm.

INSULATING THE HOUSE

(Continued from page 80)

Another most valuable type of insulation is cork board. It is of ground cork, compressed and baked in metal moulds. It is moisture resisting. It comes in boards 12 or 32-36 inches long and from one to three inches thick.

Although it is very good as a sound deadener, it is not quite as good as one or two others. It is not congenial to vermin and it has structural strength.

Cork board can be nailed in frame construction and against hollow tile, brick and concrete walls. It is correctly applied with a backing of Portland cement mortar. Plaster can be applied directly to the face of cork-board, without the use of lathe.

Certain types of cork insulation are claimed to be equal to about 15 inches of brick, 8½ inches of hollow tile and 2½ inches of lumber.

Insulation should be used for the dwellings and besides for all housing purposes: for housing your ice in ice houses and saving wastage; for housing your poultry and cows and preventing heat's escape and moisture creeping in to destroy. It can be used to isolate rooms as far as noise is concerned and thus save mental effort.

It is well in all insulating to insulate the roof twice as thickly as the

walls. For heat rises and in the winter you will keep the heat in with ample roof insulation. In the summer with double roof insulation you get a cool dry top floor and a cool, dry attic and do not have to waste these pleasant places.

Any good insulation will pay for itself in fuel alone in two or four years, to say nothing of the saving in building material.

All insulation must fulfill the following requirements:

1. Maximum resistance to heat flow.
2. Absolutely sanitary, vermin and mould proof.
3. Permanent (To outlive the house).
4. Displace the minimum space.
5. Structural strength enough for its purpose, with ease of application.
6. Fire retardant.
7. Reasonable cost.
8. Non-odorous.
9. Moisture proof.

So:

Invest in insulation and not in expensive heating plants, excess wood and stone for partitions, which are always more costly and not as potent in insulating value.

These insulation values are no theory, for insulation is a saving grace and a graceful saver.



Hand dipped candles always in good taste

IN CANDLES, as in other home decorations, fads and fancies may have their day. But the one candle style which remains steadfast in its appeal is the Hand Dipped.

Not only because it reflects the interesting candle-making methods of earlier days. Nor because it has carried the thread of many a quaint tradition and delightful romance down through the years. But because its features—artistic shape, simple dignity, beautiful hand-wrought appearance and general appropriateness—have no equal.

There should be hand dipped candles in every home. But, one thing is important—*Quality*. It can easily be misjudged. Choose Atlantic Candles—they are distinctly labeled. Then there'll be no question.

Rare skill and the finest of materials enter into the making of Atlantic Hand Dipped Candles. They are painstakingly built up, layer upon layer, around a self-consuming wick, and represent as many as twenty-eight separate dippings. That's why these candles burn so evenly—without drip, flicker, smoke or odor.

"CANDLE GLOW." A postal request brings you this interesting Atlantic booklet on candle styles and uses.

THE ATLANTIC REFINING COMPANY, PHILADELPHIA

ATLANTIC CANDLES



KIRMAN REPRODUCTION
Made in one piece from Imported Oriental wool

BENGAL-ORIENTAL RUGS

*If You Do Want an
Oriental Rug
Why Do You Want It?*

BECAUSE of its beauty—undoubtedly. If you haven't one or many isn't it because of price? This is where we step in, for Bengal-Oriental rugs have all of this Oriental beauty—no other rug is like them in any way. Of course, they are all in one piece, no matter what the size. As a substitute for Persian rugs or companionable rugs for Orientals they stand pre-eminently alone and—like good friends—they wear well.

Price for 9x12 size does not exceed \$175
in any part of the United States.

JAMES M. SHOEMAKER CO., INC.
119 WEST 40TH STREET, NEW YORK

A Consulting Decorative Service Without Charge
Mail the coupon with full details and we will send you color plates and information as to sizes and prices.

Please send me color plates of rugs for
Living room, size..... ☐ Dining room, size.....
Bed room, size..... ☐ Hall, size.....
Also send me "Backgrounds of Oriental Beauty" by Alice Van Leer Carrick.
Name.....
Street.....
City..... State.....
My dealer's name is.....
Mail this coupon to Consulting Decorative Department
THE HOUSE OF SHOEMAKER, 119 West 40th Street, New York



The tulip and rose flower design is very striking against the black ground of the beautiful English Century old, hand blocked print illustrated above. Cream colored bordering adds a pleasing tone variation. May be had also in an effective cream background. 30" wide, per. yard \$2.50

New Spring Fabrics

*That Reveal The Tendency
For Colorful Contrast*

CCHEERFUL coloring in home decorations for Spring and Summer—striking combinations of Orange, Blue, Rose, Henna, Green, used lavishly for curtains, draperies, covers! Exquisite figured and flowered patterns; charming conventional designs.

McGibbon is featuring a wealth of lovely new fabrics—soft Glazed Chintz, Sunfast Orinoka, beautiful Cretonne—in the demanded combinations of color which necessitate expert knowledge of their use for the effective maintenance of color harmony in the home.

McGibbon specialists in Interior Decorations will be glad to suggest colors and motives that will be most adaptable to your particular color scheme.

Telephone or written inquiries will receive prompt attention.

Send for our new illustrated catalogue No. 63

McGibbon & Co
3 West 37th Street ~ New York

NEAR FIFTH AVENUE

HOUSEHOLD
LINEN

INTERIOR
DECORATIONS

LACE
CURTAINS



Residence of
Edward Fisher, Bronxville, N. Y.

Jos. H. Clark, Architect,
New York City

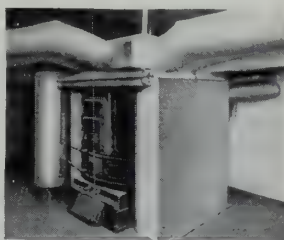
Is Your House Filled With Warm Fresh Air?

Do you get the full enjoyment out of the long evenings at home? Ever feel "stuffy" and drowsy, nose and throat dry, just the suspicion of a headache coming on?

Naturally you do, unless your heating system provides for ventilation and the proper moisture, as well as warmth. The Kelsey Warm Air Generator sends fresh, warm, moist air, rapidly through every room in your house. This means vigor and alertness all the time instead of that "Well I guess I'd better go to bed" feeling.

Kelsey Health Heat is the choice of leading architects for church, school, or home. It should be your choice for your home, for it's an investment in health for the whole family.

The Kelsey Mechanical Heating and Ventilating Booklet will bring you some facts about healthful heating for church and school, or our Achievement Booklet will tell you about heating your home. We will gladly send them to you.



No. 30 Kelsey in Fisher Residence

THE KELSEY

WARM AIR GENERATOR

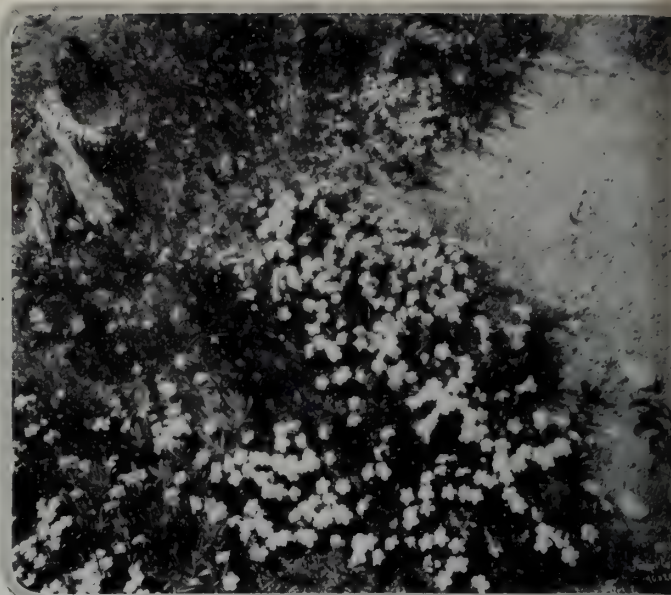
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BROCKVILLE, ONT., CANADA—Canada Foundries & Forgings, Ltd.



© Asabel Curtis

Mountain Phlox, *Phlox diffusa*, in lavender, pink and mauve, growing along a mountain-side

FLORAL TREASURES OF OUR WEST

(Continued from page 67)

put us horticulturally behind all the civilized nations of the earth, it is the newly lighted beacon enabling us dimly to see that within our own borders we possess one of the most beautiful and diverse Floras of the world. This does not make up for what we have lost but it prevents our being wholly downcast.

I do not say that it is yet an easy matter to come by a large and comprehensive collection of native rock plants and alpine. There has been far too little call for them to permit the men and women who are pioneering in this great enterprise, to devote their entire time to this one branch and make any profit at all. But it is to be hoped that as we awake to the treasure in our midst, greater and greater support will be given to those who are so willingly doing this great service to the American gardening public.

Meanwhile there is the fun of the chase. The following up of every clue; the feeling about the trying to get in touch with some one in a likely neighborhood who may be induced to send some desired plant or, mayhap,

a whole box full of enchanting things knowns, in exchange for bits of choice Irises or Delphiniums; then, in your wants, known in the pages of the horticultural publication, thus getting into correspondence with strangers in all parts of the country, who, after a letter or two, cease to be strangers and are your friends and friends, though you may never meet them.

A new Mexican correspondent writes that he has within collecting grounds of his home plants of the desert, the high mountains, and many of them of alpine origin. These we may have within our reach today are small things from the prairie and deserts; the choicest of true alpine plants many of these the same that grow in the alpine regions of Europe; these of beautiful subalpine and hillside delectable trinkets from woods, prairies, plains and bogs, of no matter south, east and west and all the way between. As yet only the surface of the vast possibilities has been scratched. It seems to me that this knowledge must be to all gardeners everywhere.

(Continued on page 134)



Healy

A copper and blue color scheme of Western alpine is found in the corner of Mrs. Wilder's garden—the copper of the prostrate *Malvastrum coccineum* or Flame Mallow, with blue *Penstemon* behind



*Gives privacy and protection;
Adds a touch of beauty!*

Woven Wood Fence is economical for enclosing large or small areas. Shuts out poachers and gaze of curious. Ideal for screening service yards, garages, etc. Provides background for plants; protects gardens in summer, rhododendrons in winter.

Made in France of live chestnut saplings, firmly woven together with wire and re-inforced on the back with wood strips. Requires no skilled labor to erect; no painting. In two heights, 4 ft. 11 in. and 6 ft. 6 in. in sections 5 ft. long. Immediate shipment. Write for catalog.

WOVEN WOOD FENCE



The low cost and permanency of Woven Wood Fence makes it ideal for a large enclosure. Inexpensive to erect.



Woven Wood Fence gives such long service that many are erecting it with concrete posts instead of wood.

ROBERT C. REEVES CO.
187 Water Street New York City



A Distinctive Difference

Positive operation, boundless satisfaction and lifetime service constitute the distinctive difference between garage doors fitted with out-of-date hinge hardware and those equipped with—

Slidetite Garage Door Hardware

Garage doors equipped with *Slidetite* slide inside, away from snow and ice, and fold flat against the wall. Thus a wide unobstructed opening is assured. Inconvenience, danger and damage are done away with, as *Slidetite* equipped doors can't blow shut. When closed they fit snug and weather-tight. *Slidetite* doors move so smoothly on their overhead track that a child can operate them.

There is the same distinctive difference in all doors equipped with R-W Door Hangers, whether they be on garages, on barns, on elevators, on factories or in the home. The proved superiority of R-W Door Hangers is responsible for their almost universal acceptance as the standard of quality, service and satisfaction.

Before building that new garage, or remodeling the old one, send for a copy of Catalog M-29. It contains many helpful suggestions and detail doorway plans. Slidetite is sold by leading hardware and lumber dealers everywhere.

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Richards-Wilcox Mfg. Co.
A Hanger for any Door that Slides
AURORA, ILLINOIS, U.S.A.
RICHARDS-WILCOX CANADIAN CO., LTD.
WINNIPEG LONDON, ONT. MONTREAL

Chicago
Minneapolis
Omaha
Kansas City
Los Angeles
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You Can Cook with the Gas Turned off!

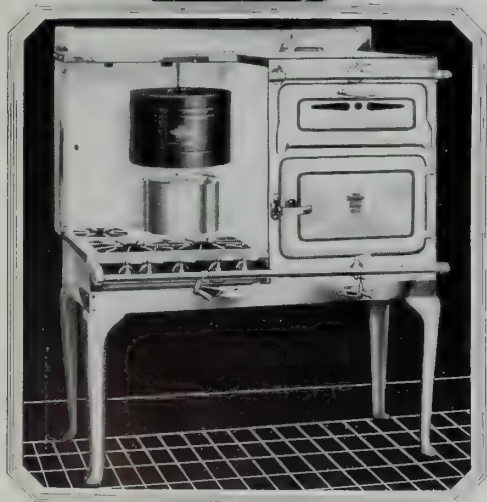
WHEN your cooking is completed in the patented Chambers Thermodome and Insulated Oven with the gas turned off, you enjoy more than a big saving on gas bills. Your afternoons are free from kitchen drudgery. Your food is cooked most deliciously. Your meals keep hot for serving until you choose to return to a kitchen that is cool and pleasant. Because of economy in the use of gas, you may find, as many women have done, that you can profitably replace your present equipment with one of the beautiful Chambers models.

Write today for free booklet:
"Cook with the Gas
Turned Off!"

CHAMBERS MFG. COMPANY
Dept. E-3, Shelbyville, Ind.

Only 30 Minutes Gas
for this Full Meal

Vegetable Soup	Baked Ham
Peas and Carrots	Creamed Potatoes
Fruit Salad	Indian Pudding
	Coffee



Chambers FIRELESS Gas Range

COOKS WITH THE GAS TURNED OFF!



D. M. Andrews

Dry sandy soil and a sunny situation is required by *Oenothera caespitosa*, the tufted Evening Primrose of Colorado. Its flowers are white

FLORAL TREASURES OF OUR WEST

(Continued from page 132)

an extraordinarily thrilling realization.

There are today numerous gardens, botanical and private, giving much space to trials of American plants, some keeping to the Eastern species largely, others being primarily interested in the lovely alpine and lowland plants of all parts of the west. Eastern botanical gardens particularly engaged with such collections are the Harvard, Bronx Park and Brooklyn Botanical Gardens; and private gardeners especially interested in collecting western plants are: Mr. Clarence Lown, Mr. Cleveland Morgan, Mrs. C. S. Houghton, Mr. Julien Hinckley, Mr. Herbert Durand, Mrs. Gardner Cornett, Mr. Hodenpyl, Dr. Edgar T. Wherry and many others.

The extensive experiments carried out by all these enthusiasts have given us the assurance that the choice plants of our mountains and deserts, plains and woods are not only worth growing for the sake of their own beauty, but are quite possible to grow, some with no more preparation than any easy garden plant, but others requiring the same care and consideration vouchsafed the choice plants that come to us from overseas. The great difficulty we experience is in finding out under what conditions these plants thrive in the wild. Dozens of books are written upon the vagaries and

necessities of the exotic alpine, to our own, not one. It is a of conning the botanics and illustrations of various localities, reading a few books published on Western flowers, asking questions of ever is likely to know something of our necessity.

For myself I have found that of the Western plants, especially of the prairies and of the stony sides thrive in the general of the rock garden, (given in the February HOUSE & GARDEN), others require woodland conditions, or damp heat. Some sulk for various reasons until after a number of trials under trying conditions they are appeased and then there are those, a distinct minority, however, that have slipped off into their great beyond despite my quite agonized pleadings that they stay just long enough to give us a good trial. But whatever has been the cost in thought and labor, each little gardener who has settled down among my rocks, contentment in every line of its compact circumference, and given a smile of assurance in the early spring when I am tipping about bearing casualties, has wiped the slate clean of all obligation on either side. There is something about these small westerners that takes us in a tender place.

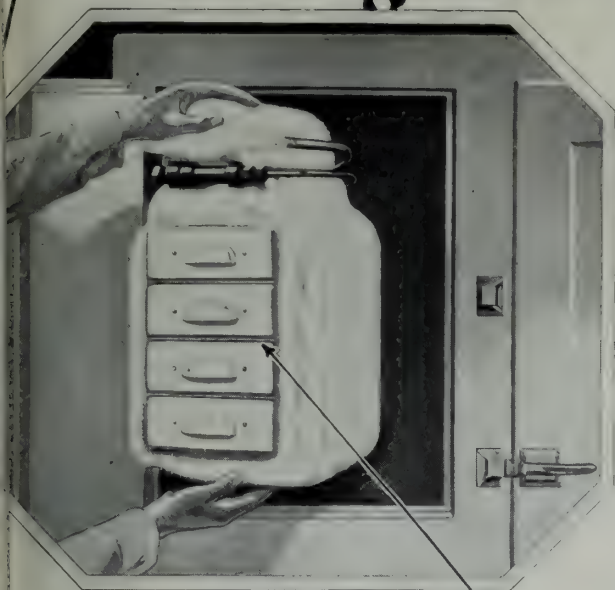
(Continued on page 138)



Asabel Curtis

Fringed Gentian of the Northwest, *Gentiana calycosa*, as grown wild. It can be tamed for the rock garden, requiring a neutral soil

Make your Ice Box a Frigidaire



GENUINE Frigidaire electric refrigeration, with all its means in health and luxurious convenience, is now available for a relatively small investment.

The complete cooling unit can be quickly installed in the ice compartment, and your refrigerator instantly becomes—a Frigidaire,

- maintaining a dry, germ-free, even cold.
- keeping food fresh and good.
- freezing ice for table use.
- making new and delicious desserts.
- saving the possible annoyance and uncertainty of an outside ice supply and proving a source of satisfaction appreciated only by Frigidaire owners.

The local Frigidaire distributor or dealer will tell you which of several models will best suit your needs—or write today for catalog and full information.

ELCO-LIGHT COMPANY
Subsidiary of General Motors Corporation
Dept. P-1 DAYTON, OHIO

PRODUCT OF GENERAL MOTORS
Frigidaire
ELECTRIC REFRIGERATION



How Your Ice Box Is Quickly Converted Into a Frigidaire

- 1 The frost coil is placed in the ice compartment of your refrigerator as shown above.
- 2 The compressor is placed in the basement or other convenient location.
- 3 The frost coil and the compressor are connected by two small copper tubes, and a connection made to your electric wires.

That's all. Your refrigerator becomes cold and stays cold.

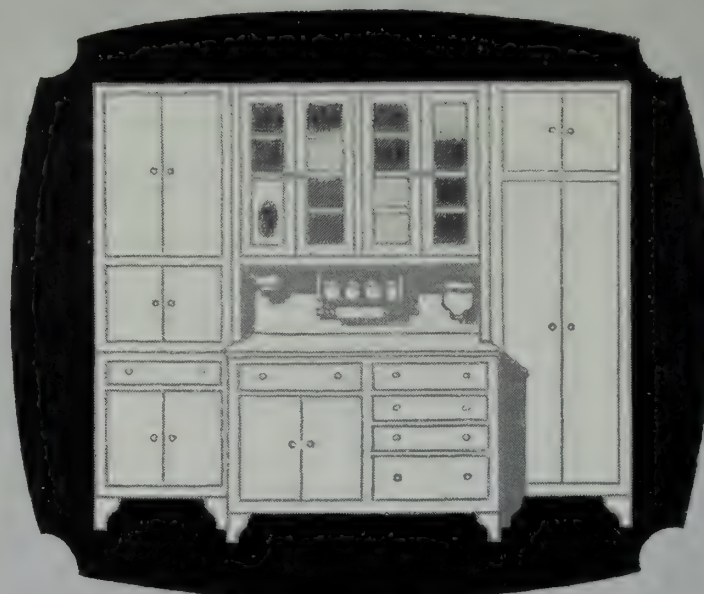
You have Frigidaire electric refrigeration.

Frigidaire is also made in several sizes complete with cabinet for new homes or for homes where the present ice box has outlived its usefulness.

The WHITE HOUSE Line

TRADE MARK

SECTIONAL UNIT STEEL DRESSERS



*efficient,
durable,
sanitary*

THE Home Builder is ever seeking quality and durability. Be assured of both in your kitchen and pantry by using WHITE HOUSE Units, which have beauty distinctly their own, that sets them apart from all other steel construction.

The combination pictured consists of our No. 50 Dresser, 26 in. Side Unit and 26 in. Broom Closet, filling a space of 8 ft. 6 1/2 in. Many other combinations may be made from our standard units. All in shining white enamel finish. Booklet sent on request, or we would be glad to make suggestions for the use of WHITE HOUSE Units if you will send us your plans for sketch and estimate. If convenient, a visit to our showroom at the address given below will give you many new ideas.

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Est. 1840
133 West 44th Street, New York

TEPECO

ALL CLAY PLUMBING FIXTURES



The most Important Room in the House

NOT the dining room, not the living room—but the bathroom. It is here that the children learn that cleanliness is truly next to godliness. It is here that the women of the family attain the daintiness which is womanhood's greatest charm. It is here that men preserve the cleanliness of body which is essential to health and self-respect.

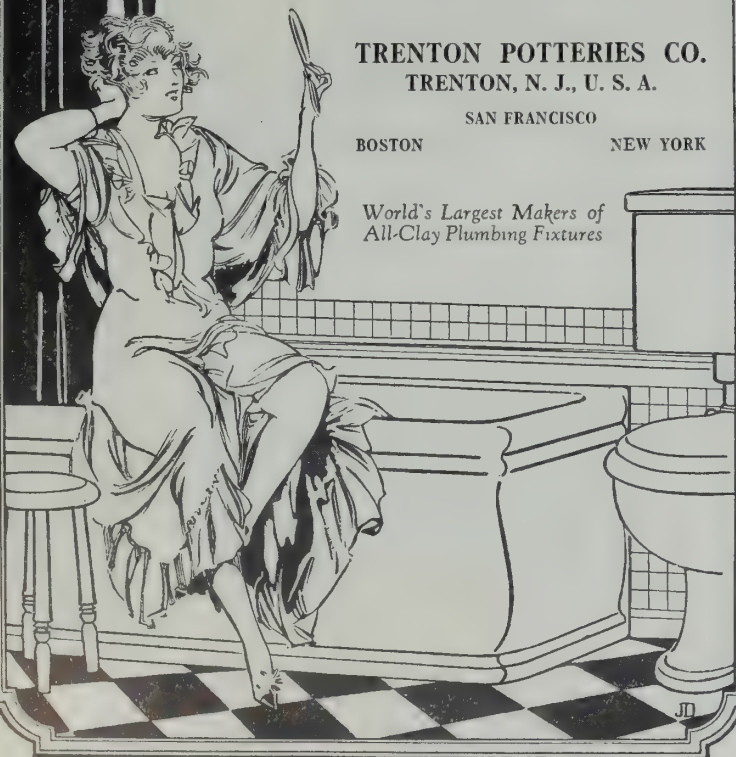
Tepeco All-Clay Plumbing Fixtures are fitting accessories for the bathrooms of the most pretentious homes. There is a permanence of beauty in Tepeco's stainless snowy finish. In elegance of design and mechanical excellence, Tepeco is not to be surpassed. Yet a wide range of prices puts Tepeco within the means of the owner of the modest dwelling.

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"Bathrooms of Character" S-2

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TRENTON, N. J., U. S. A.

SAN FRANCISCO
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Two Thousand Years in Damp Soil!

Here is a Western Red Cedar log lying in damp soil in a Pacific Northwestern forest. Over it and around it, after it fell, other Western Red Cedars took root and grew. The stumps of these are seen in the picture. The age of the largest of them was at least 2,000 years, thus determining that the fallen log had lain prone for that length of time.

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Should you not have full details about the advantages of this great wood? Reliable information will be sent you without obligation if you mail the coupon.

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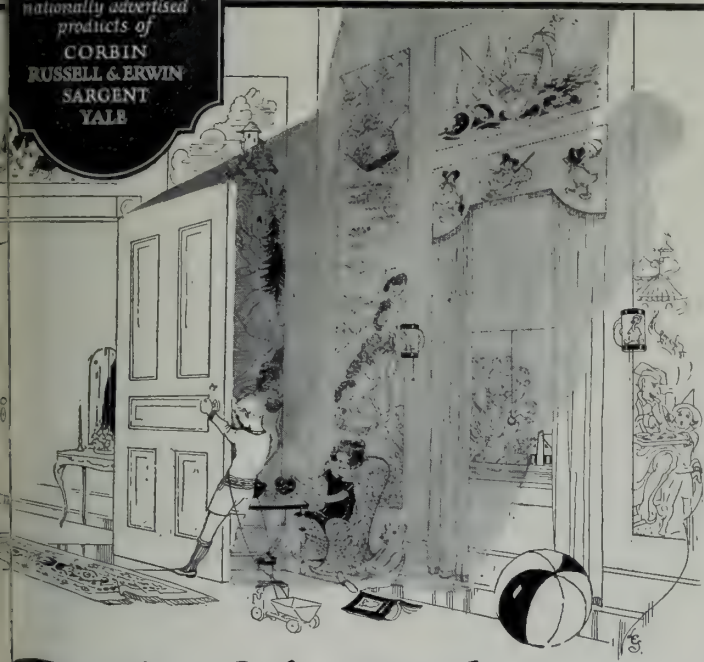
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*Think of the work
hinges must do*

Good hinges must play a dual part. They must perform real hard work without a whimper—swinging doors back and forth day-in and day-out; year-in and year-out. And all the while they must present the appearance of a fine ornament despite hard work. McKinney Hinges meet these requirements in full. Every one is made to outlive the door swings.

In building a home you can least afford haphazard hardware. An early selection avoids a shortage in your building fund.

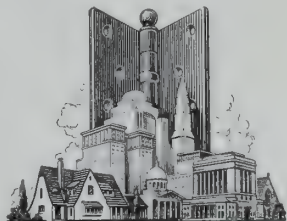
When you visit your builder's hardware man, you will find it customary to decide first upon your locks. When this is done give careful attention to hinges. See to it that your hinges are McKinney's. And you will not fail to do this if you think of the work hinges must do.

You can obtain McKinney Hinge quality in sundry hardware articles, including complete hardware for garage doors.

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McKinney Forethought Plans consist of little cutouts of your furniture made in proportion to your plans. With them you can arrange and rearrange your furniture right through the blue prints until you are certain the wall space, turning doors and base plugs are as you want them. To aid in your home building McKinney will gladly send you one of these plans. Just write.

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Build for
Tomorrow and
use Sargent Hardware



INCORPORATE in your building all those things which stand for satisfaction lasting through the years. Hospitable entrances. Sturdy, well-formed doors. Well-proportioned windows, thoughtfully placed and plentiful to be sure.

And locks and hardware of solid brass or bronze! At the very beginning, provide definitely for hardware which will contribute to your convenience and security as long as the house stands. Handles and knobs that are beautiful, harmonious, faultless in operation. Lock sets that give unfailing protection. Adequate, uncomplaining hinges. These bear the Sargent name.

With your architect choose the Sargent Hardware which is most suitable for your new home. Write for "The Colonial Book." It shows many desirable designs.

SARGENT & COMPANY
Hardware Manufacturers
31 Water Street New Haven, Conn.





*Snowy-white inside and out, and always “winter inside” ~ ~ ~

To look at this beautiful, dazzling white Gibson is always a source of pleasure. To look *in it* and sense its crisp, cold air is to realize its value.

This wonderful cold air of the Gibson is most exclusive. Warm air on the outside is never permitted to associate with it. The walls are a twelve-fold defense of perfect insulation. The doors lock automatically—air-tight. Should warm air strive to enter through the drain, it is immediately repulsed by the patented, non-clogging, cast aluminum trap. It is this air-tight feature of the Gibson and the inside circulation of air that keep your perishable food fresh *and save ice*.

The snow-white porcelain interior and exterior make it easy to clean always. The corners are rounded. Not a crack or crevice for dirt to hide in. The shelves are of non-rustable metal. These sanitary and immaculate features are permanent.

Install this beautiful all-white porcelain Gibson in your kitchen. Remember it is suitable for mechanical refrigeration. Ask the Gibson dealer in your city to show you the different models.

GIBSON REFRIGERATOR Co., Greenville Mich.
Distributors in all principal cities

*Gibson

REFRIGERATOR

Gibson cork-board insulated refrigerators are being extensively used with electrical refrigeration units

FLORAL TREASURES OF OUR WEST

(Continued from page 134)

And now to speak specifically of some of this Western treasure. North America has very close to a monopoly on some of the greatest of the flower tribes. All the Phloxes belong to America, I believe; all the Pentstemons save one, the *Oenotheras*, we share with South America; the *Sisyrinchiums*, North and South America; the *Phacelias*, all the *Dodecatheons*, the *Mentzelias*, the *Townsendias*, the *Chimaphilas*, *Calochorti*, *Erythroniums*, save one, and many more. If these names are strange to you remedy the matter at once. It will pay you well. We also have many fine representatives of such great rock garden families as *Sedum*, *Allium*, *Heuchera*, *Polemonium*, *Mertensia*, *Arnica*, *Corydalis*, *Vancouveria*, *Silene*, *Gentian*, *Primula*, *Saxafrage*, *Trillium*, *Cypripedium*, *Aquilegia*, *Viola*, *Fritillaria*, *Anemone*, *Draba*, *Iris*, *Dryas*, *Malvastrum* and a thousand more.

Dr. Willard Clute says there are one hundred and fifty species of *Pentstemon*, all save one Siberian species, belonging to us, and “having its greatest center of distribution in the Rocky Mountain region, the number of species increasing as one goes westward.” Nearly all these, he adds, are fit for garden use. That is mild praise. I have come to know about twenty of the species and they have proven to be among the most lovely flowers in my collection. Try *P. coeruleus* with its strong stems hung with large blossoms, at first dawn pink, then gradually, like the sky above, becoming an exquisite blue. Try *P. alpinus* with its short stems weighed down with brilliant sky blue blossoms with white throats. Try *P. acuminatus* with pure mauve hooded flowers, or *P. rupicola*, with short, half prostrate stems, thick leaves and veil of brilliant crimson blossoms. In short try almost any *Pentstemon* from out the west and you will be delighted.

Throughout the West are a great number of small creeping Phloxes, daintier than any we know in the East, and unbelievably gay and floriferous. On the mid-western prairies are taller forms that also are highly desirable. Violets strew the western mountains and prairies and are quite different

and prettier in some cases than our own familiars. *Anemones* are numerous and rare in beauty. *A. nuttalliana*, the western Pasque, is settled here on a high sandy prairie—my poor reproduction of its home—and blooms yearly, send fluffy leaves into the world soon after the snows.

Dryas octopetala, a high alpine flower, our own as well as of the mountains across the water, has made its way across in Mr. Lown's garden. My own plantings are invested with a very special pride. The lovely soft gray *Artimisias* from the West, and grey velvet *Antennaria* such delightful bed-spreads for the garden. And there are many fascinating *Mertensias* and *Polemoniums*.

Among my special delights is a gray scrambling thing sent me from the Prairies of North Dakota. It has become a friend. This little plant is *Malvastrum coccineum*—I know it as a softer cognomen. It is altogether one of the most engaging plants in my collection. It occupies the whole of a tiny mesa and there turns it in May into a roaring conflagration of flame-colored Mallows that is coming far to see. In the spring blue Snow Glories thrust up their heads and its charming gray disorder.

On various precipitous ledges and in little Cacti from the Rockies bloom as quaintly as at home; and far from them in sand and sun grow the lovely Colorado Sand Lily, white and fragrant, known botanically as *Leucocorynium montanum*. On the same east-facing portion of the rock are the flat narrow-leaved roses of *Townsendia esarpa*, the Spring Daisy, each holding a big pink daisy light to its heart. Dainty *Viola pedunculata* is there and *Silene Hookeri* still in the sulks but being nursed for its new life.

This is a difficult subject to leave. Once engaged upon it its fascinations are irresistible. I could quite easily ride my hobby for many pages yet, but I hope to have inspired you a few of you to go forth and collect the fifty species given below and so to prove that I have dealt honestly.

FIFTY DWARF PLANTS FROM THE WESTERN PLAINS AND MOUNTAIN TERRITORIES SHOULD BE GIVEN A PLACE IN AMERICAN ROCK GARDENS

Artemisia frigida has lovely silvery foliage. It comes from the mountains and plains of the North West and likes a sunny sandy soil.

Aquilegia coerulea, Colorado's State Flower. Fine tone of blue. Wood soil and part sunshine.

Anemone patens, America's Pasque Flower. Great purple flower born early. Soft sand and sun. Plains and hills of N. W.

Asarum Hartwegi, a good ground-cover in damp sandy soil. Leaves streaked a light color. Sun or shade.

Antennaria rosea has grey velvet leaves and a creeping habit that makes it a delightful ground cover for Crocuses. Rocky Mts. Sun.

Corydalis aurea is a gay little biennial for a dry half-shady corner. Flowers yellow and foliage fernlike.

Caltha rotundifolia is from boggy

meadows in Colorado. It is the white Marsh Marigold.

Cypripedium montanum, a lovely pinkish shell-like Lady-slipper. Canyons etc. Likes rocky, woodland, cool places.

Convolvulus incana spreads over hills and plains of Nebraska, Arkansas, etc. Velvet foliage and large purple vases.

Dodecatheon jaffreyi of the mountains and valleys of the North West. Dart-like flowers in soft color-dampish situation.

Dryas octopetala has rich green foliage and creamy blossoms. Grows very high up in the Rockies. Exposed position.

Echinocactus simpsoni is a small Cactus growing on the tablelands and plains of Colorado. Sun.

Geum triflorum, attractive. Exposed

(Continued on page 14)



In sending you this 192-page booklet

Please Let Us Emphasize

that in order to be sure you get the genuine "Wood Eternal," you should specify strictly "Tidewater" Cypress, cut within 200 miles of the coast-line. There is a kindred species that grows far inland, is not in a swamp and therefore has not the historic degree of decay-resistance which characterizes the "Tidewater" variety. We state this in fairness to all.

That standard volume, the

Cypress Colonial Plan Book

is "about as comprehensive and authentic a grouping of matters Colonial, from architecture to manners, from sports to furniture, etc., as ever will be compiled in the same space." It contains a Double Plan-sheet Supplement, with full-size Working Drawings in complete form. Also full Specifications for the complete house (not the lumber alone), also 3 sheets of Colonial sketches, full of human interest, by one of America's best artists. The plans are by a nationally known architect and are exclusive. They are not for sale, but are yours with the compliments of "the Wood Eternal." Of course, we hope you will use genuine

"Tidewater" CYPRESS, the true "Wood Eternal," identified by the arrow trade-mark,

but we leave that to your own good judgment. Will you write for Cypress Vol. 44, today? Thank you.

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Warren, Pa.

Albert J. Bodker
Architect

ASIDE from the added attractiveness which International Casements invariably lend to the exterior of a house, their use does away with the unlovely, irritating roller shades, and opens up many possibilities for artistic treatment of draperies. Hence your windows may also be made one of the most charming features of the interior of your home.

International Steel Casements, in the standard sizes generally found in small and medium-sized residences, may be had at a very moderate cost. Special shapes and sizes are, of course, made to order.

We shall be pleased to send you upon request a copy of our illustrated booklet "*International Casements For Homes of Distinction And Charm*", which gives many interesting suggestions regarding the interior and exterior treatment of windows.

INTERNATIONAL CASEMENT CO. INC.

88 HOPKINS AVE. JAMESTOWN NEW YORK

FLORAL TREASURES OF OUR WEST

(Continued from page 138)

*It Must Sell Itself*

IT WOULD be difficult to obtain a more impressive measure of commendation of the Maytag Gyrafoam than the confidence which dealer and user alike hold for it.

Today, among the thousands of Maytag dealers, we do not know of one who would not endorse the Gyrafoam with his personal guarantee, nor is there any one of the thousands of users who would not go considerably out of her way to recommend its purchase.

You are privileged to have your nearest Maytag dealer deliver a Maytag to your home. Wash with it! Likewise pursue the same practical method of prepurchase inspection with any other washer you may consider.

Our solicitation relies upon the Gyrafoam to prove its ability in service. It must sell itself.

F. L. MAYTAG, Founder
THE MAYTAG COMPANY, Newton, Iowa



Montana and Dakota. Easily grown in any fair soil.

Geranium richardsoni has large leaves and clusters of white flowers. Good soil. Widely distributed in N. W.

Iris missouriensis grows freely in meadows and along streams of N. W. Blue. Grows well in low part of rock garden.

Iris tenax, British Columbia to Oregon, low attractive Iris which is best transplanted just after flowering.

Lithospermum canescens, widely distributed, bears a raceme of bright yellow flowers. Dry soil and sun.

Lewisia rediviva, the Bitterroot of California; rosette of fleshy leaves and brilliant rose blossoms.

Leucocorynum montanum, Sand Lily of Colorado, flower white somewhat like Crocus. Autumn planting recommended.

Mertensia lanceolata grows on dry open slopes of B. C., to Col. N. D. etc. Racemes of bright blue bells.

Mamillaria vivipara, a quaint small Cactus of the plains of Colorado etc. Perfectly hardy.

Malvastrum coccineum, prostrate, flame-colored mallow from hot, dry plains of North Dakota.

Mentzelia decapata, a grey thistle-like plant from Colorado with large white flowers opening towards evening. Dry and sunny.

Oenothera caespitosa is a tufted Evening Primrose. Huge white blossoms. Sandy soil in sun.

Oenothera tetraptera, lovely California Evening Primrose, opening at six o'clock. Blooms all summer; soil as above.

Polemonium melitum, a leafy plant with racemes of tubular white flowers. Colorado mountains and elsewhere. Sun and dry soil.

Phlox multiflora, Mountain Phlox, that sweeps the slopes with color from pale lavender and rose to deeper tones.

Phlox diffusa is one of the softly gay ornaments of Mt. Ranier.

Pentstemon acuminatus. Plains; Wash., Ida., Nev., light soil and sun. Large mauve blossoms and greyish leaves.

Pentstemon alpinus. Mountains Colorado. Exquisite sky-blue flowers, stony soil and sun.

Pentstemon coeruleus (angustifolius), blue funnel-like flowers on stiffly arching stems. Mts. of Colorado.

Silene hookeri, an exquisite pure

pink-flowered plant from California for a rocky pocket. The roots ripen off after blossoming.

Synthyris reniformis. Round shining leaves, feathery heads of lavender flowers. Good soil, part shade. Valuable plant. N. W.

Sisyrinchium grandiflorum likes nook of cool peaty soil. Blooms early in hanging bells of splendid purple. Mts. of N. W.

Townsendia escarpa, from hills and plains of Montana and Dakota. Rosette of green with big pink daisy heart.

Trillium rivale, a dainty Birthwort from Oregon, with small mauve flowers and stems six inches high.

Trillium sessile, Snow Queen, probably the best of the Trilliums, with large white flowers. Shade.

Trollius abiflorus. Lovely white Buttercup of the North West. Dam situation and sun.

Tiarella unifoliata, very like our own Foamflower, but more closely tufted. Rocky woods of North West.

Sedum divergens, low creeping plant with round leaves strung on red stems. West.

Sedum Douglasii, a mossy type very like *Sedum acre*. Rocks, Montana etc.

Sedum orizonum, the best of the Western Stonecrops for Eastern gardens. Vivid green.

Sedum Purdyi has densely crowded leaf-rosettes that send out threads at the end of which are tiny plants. Light shade.

Sedum stenopetalum, Rocky Mountain sandy riverbanks or rocky slope. Tufted growth, cymes of yellow flowers.

Sedum spathulifolium has clump of spoon-shaped leaves and star-like yellow flowers on red stems. Lovel.

Uvularia perfoliata from the neighborhood of the Ozarks has deeply incised golden petals much like our creamy Bellwort. Part shade.

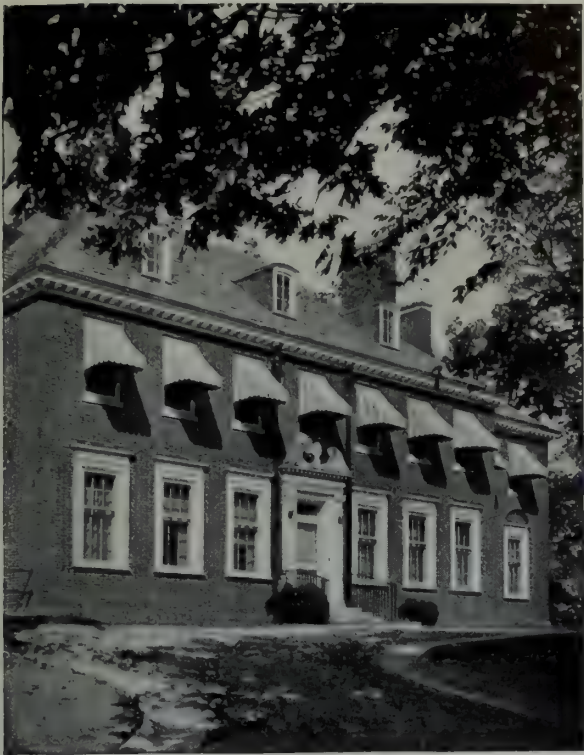
Viola glabella, a golden Viola from the Rocky Mountains.

Viola pedatafida, akin to our Birdfoot. Sent me from Montana and Dakota prairies.

Viola rugulosa, widely distributed through Western woods. White blossoms purplish on reverse side. Blooms all summer and autumn.

Vancouveria hexandra from Vancouver, makes a lovely filmy mass of leaves and bears small white flowers. Shade.





Albert Joseph Bodker, Architect

Tudor Stone Roofs

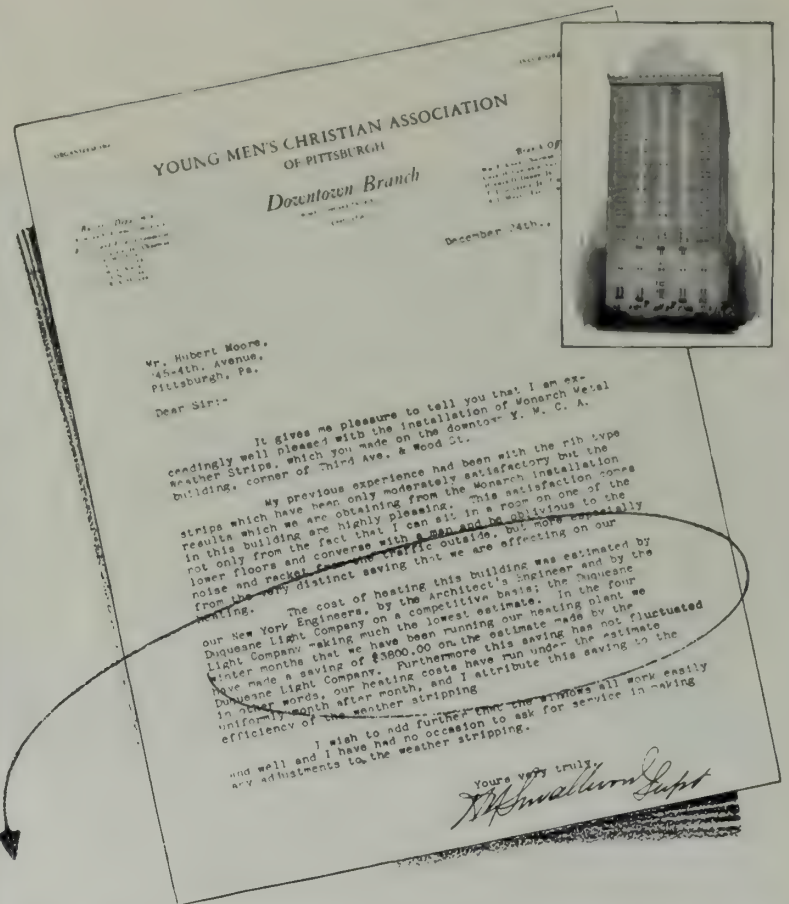
It is difficult to over-estimate the importance of the roof from the standpoint of the architectural unity of a building. One of the most prominent features, it may add much to or detract greatly from the appearance of a residence. In planning a house, therefore, one should give careful consideration to the design and construction of the roof.

Every Tudor Stone roof is individually designed and specially quarried for the house upon which it is to be laid. The finished effect is predetermined, age and time merely improving and mellowing the colorings of the slate, and hence the appearance of the roof. Every Tudor stone roof is, moreover, weatherproof, fireproof and everlasting.

Our Architects' Service Department, under the direction of Mr. Walter McQuade, a practicing architect, will gladly cooperate with you and your architect in planning a Tudor Stone Roof. We shall be pleased to send you upon request a copy of our illustrated booklet which fully describes our service.

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An investment of \$2,797.50 for Monarch Interlocking Adjustable Weather Strips—then, in four short months, a cash saving of \$3,800 on heating costs. And virtually half the heating season still ahead!

Heat for this Red Triangle Building is furnished by a steam-heat company and measured by meter. Charges, based on meter reading, are as accurate as the bills you receive each month from the companies which supply your gas and electricity.

This building was designed by Benno Janssen, Pittsburgh Architect. Monarch Strips were installed on its 545 windows and doors by Hubert Moore, Monarch licensee, 245 Fourth Avenue, Pittsburgh. Telephone, Court 1946.

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Equip your casements to keep him out

Health and comfort demand thus properly planning new casements—and modernizing the old



To make your charming casements as practical as beautiful, build them out-swung with inside screens—and Win-Dor Casement Operators inside the screens.

You need not open the screen to swing the window; never an opening for the fly—buzzing, droning, aggravating pest, its shaggy legs alive with bacteria—a scourge to health and happiness—forerunner of countless dangerous offspring once your home becomes its hatching place. And no chance for the mosquito, or any other winged nuisances.

A simple turn of the handle inside the screen, swings the window quickly and easily to any position you desire. Then it automatically locks; fast and snug till you wish it released—when it automatically unlocks as you start to swing the window.

Those who now have casements know the importance of all this. Win-Dor Operators can be put on their windows as easily as on new.

Win-Dor Casement Operators add the final touch of convenience to casements. Insect exclusion is but one of a dozen comforts with which it endows them. A style for every purse or preference. Pick yours. And be sure to write at once for our free booklet . . . "Things You Ought To Know About Casement Windows."

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The Handle fits in like this when you wish to swing the casement—or may be had attached to each operator if desired. Detached handles may be conveniently hung on window frame, out of sight behind draperies.

Steel Casements may now be easily equipped with improved Win-Dor Operators. Simply screw on to all Fenestra Casements. For other makes, specify in steel sash contract to provide necessary attachments.

VEGETABLES TOO SELDOM GROW

(Continued from page 91)

have been cut back to the ground in the fall.

Two other salads which every home gardener could enjoy, but which most of them don't, are Witloof and Celeriac. Quite aside from the fact that each has a deliciousness all its own, they have this to recommend them—that they will supply you with fresh salad, from your own cellar, through the fall and winter months, after your garden is frozen solid and tucked safely under its coverlet of snow.

Witloof—sometimes called French Endive—is to my personal taste the most delicious of all salads. It combines the best qualities, palately speaking, of both lettuce and endive; the crispness and texture of the former, and the pleasant tang—without the bitterness—of the latter. To grow it, you simply sow the seed in the spring, just as you do that of parsnips or carrots. Some of the catalogs will tell you in rows two feet apart, but fifteen inches will do, and eighteen is ample in the richest soil. I always plant my Parsnips, Salsify and Witloof next to each other, in rows fifteen inches apart, as they all call for just the same treatment until digging time, just before hard freezing. Incidentally, all three crops are so free from insects and diseases that you never have to spray them. There is one worm that occasionally eats some of the Parsnip leaves, but he is a lone worker, and a gorgeously decked-out fellow, who will shove out his yellow horns, like a musketeer drawing his sword, on the slightest provocation. At the end of the season you dig up your roots, which will be two to three inches in diameter and closely resemble a parsnip, cut the leaves back to within an inch or so of the crown, and trim the tips off the roots, leaving them seven or eight inches long.

PACKING THE ROOTS

Next, instead of storing these trimmed roots like Parsnips or Carrots, they are planted for winter forcing, as follows. Get some stout packing-cases, 12 to 18 inches deep, and place the roots in these, upright, packed in light soil, which will hold moisture well. A mixture of garden soil and leaf-mold, peat or humus, about half-and-half, is ideal. The roots may be packed as close together as they will go, the planting being done most conveniently with the box turned on edge at first, filling the soil in about the roots, and putting three to four inches of soil over the tops when the box is turned upright again. It is best to have a number of small boxes, rather than a few big ones, both for convenience in handling, and because a small quantity at a time may be forced—or rather, allowed to grow, as no real forcing is necessary. You simply put the boxes in the cellar, and after the roots have rested for a few weeks, begin watering, and repeat often enough to keep the soil moist. Six inches or so of spagnum moss, sawdust or leaf mold should be placed on top of the soil after watering begins. (It may be necessary to run an extra strip of light board around the top of the box to hold

this.) If some of the boxes can held in a cold place—say 34 to degrees—, they may be started wanted from November to February. In six to eight weeks the tops develop sufficiently to cut. They are tightly folded, blanched a very pale yellow and are the most delicious salad ever tasted. A grape fruit knife, with curved blade, is convenient to cut blanching shoots off with; and if crown of the root is not injured, will put out new shoots again.

Celeriac, sometimes somewhat slightly spoken of as turnip-root Celery, should be grown in every home garden where Celery is grown. It is much less difficult to grow, because no elaborate blanching is necessary. Otherwise, the culture is just the same as for Celery. The bulbous roots, stripped of the leaves, are stored in soil or moss like carrots or beets and used as wanted. Thoroughly boiled, it makes a delicious cold salad and for flavoring in other dishes, so and so on it has a place all its own, making a most welcome variation in the limited number of early winter vegetables.

THE POPULAR BROCCOLI

And then there's Broccoli, first cousin to the Cauliflower, which Mark Twain designated as "a cabbage with a college education." Broccoli, being much harder than Cauliflower, may be had both earlier in the spring and later in the fall. For that reason alone it is well worth planting, but in addition to that, it is quite distinctive in flavor; in fact, during the last year or so, it has just been discovered by many American garden owners. To be in the mode, gardenly speaking, you must have Broccoli. Sutton's in England list many varieties of this vegetable; the varieties most used here are White Cape and St. Valentine.

For spring planting, sow seeds in doors just as soon as the ground can be worked, or better still, buy young potted plants and set them out. For the fall crop, sow seed about the first, thin out the seedlings to three or four inches apart, and then transplant to permanent positions. The culture is the same as required for Cauliflower, that is, the plants like rich soil, plenty of water, and should have the leaves tied up over the heads as you do the latter form, to keep the "heads" white and tender.

Another delicious but not well known vegetable is Okra, or Gumbo, the basis of the famous Gumbo of the Southern States. Incidentally, it is one of the most ornamental of the vegetables; a row at the edge of the garden will give much the effect of a hedge of Hibiscus. It's not growing for its looks alone.

There are, perhaps, a few members of the Cabbage group which you feel slighted were they not included in this select and selected corner. First of all, give a thought to Cabbage—you know if you really want the most delicious in that line, you'll find it in your Savoy, or wrinkled-leaved varieties. You will find a new appreciation for Cabbage when you

(Continued on page 146)



Redwood entrance—124
Santa Clara Avenue, San
Francisco.
Morrison and Garren
Architects
San Francisco



Living Room—San Francisco Golf and
Country Club. Finished in Redwood.
George W. Kelham, Architect
San Francisco

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For interiors Redwood's rose-pink to reddish brown color, its immense variety of grain patterns and the satisfactory effects obtained with wax, stains and paint make it most desirable. It can be obtained in extra wide boards for special, one-piece panels.

Because it resists rot, Redwood should be used wherever wood is exposed to the weather or to soil moisture—for shingles, siding and clapboards, foundation timbers, door and window frames, mouldings, porch columns and exterior trim, cornices, railings and balusters, summer houses, garden furniture, pergolas and greenhouse construction.

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wood in Comparison with
Other Woods".

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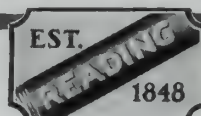
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FOR THE GUMS

More than a tooth paste—
It checks Pyorrhea

Just as the stability of a lighthouse depends upon a firm foundation, so are healthy teeth dependent upon healthy gums



VEGETABLES TOO SELDOM GROW

(Continued from page 142)

this type. And then there is the Brussels Sprout—desirable not only because it is different from any of its Cabbage cousins, but because you can leave it in the garden after everything else is harvested, and gather it from the stalks until Thanksgiving or even Christmas.

The only thing hardier is Kale, other member of the same family making not a head, but a quantity of fleshy leaves that are used as "greens." They may be gathered until well into the winter; in the Southern States winter long.

PREPARING TWO VEGETABLES

The best ways to prepare two of these vegetables: Broccoli and Fennell, are given here by Fred Muhlenheim, chef de cuisine of the Lido Venice, New York.

To prepare green vegetables in a palatable fashion so as to keep the flavour of the vegetable intact, requires wide experience and unusual skill on the part of the Chef. Especially is this true in the cooking and preparation of such vegetables as Spinach, Fennell and Broccoli.

In this discussion of green vegetables, I will limit myself to two specimens; the Broccoli and Fennell, both being a specialty of the Italian culinary school.

The first in point of importance is Broccoli, of which there are two kinds. One is the flower of a kind of Cauliflower unmaturing and the other is the flower of the Choux-rave. Both specimens are known to the Italians as Broccoli, but in particular the name of Broccoli Romana is used in connection with the Cauliflower plant. The Broccoli Romana is far superior to the Choux-rave and consequently I will only speak of this specimen.

First wash the Broccoli thoroughly in three to four waters, (cold); cut the stalk about 6 inches from the flower; the stalk by itself being an excellent vegetable and cooks tender as asparagus. Put the Broccoli in boiling salted water without adding any kind of soda usually used to retain the verdant color of the vegetable, the salted water having the properties of preserving the natural color. Allow to boil for 5 minutes, then strain and allow to boil again for 20 minutes in a second water with a good amount of kitchen salt. It is necessary to cook the Broccoli in two waters as the smell is very strong and more discernible than in the cooking of Cauliflower. After 20 minutes of boiling the Broccoli is cooked. Strained and put in a cold temperature, the Broccoli can be kept for 2 or 3 days.

There are many ways in which to serve the Broccoli—first, Au Beurre. Brown some butter in a pan and put in it the Broccoli (cooked), stirring gently for 2 or 3 minutes. It is served hot after seasoning with a little pepper and salt. Sometimes a half of a boiled egg is served with it.

Second. In oil with Anchovies à l'Italienne. This is a very particular dish of Naples. It is made in two ways. First put Broccoli in smoking oil; for two persons chop six filets of anchovies very finely. As soon as the anchovies are placed in the oil, remove the pan from the fire to prevent the anchovies from cooking too long and becoming too strong. The second way is simply to serve filets of anchovies on top of the Broccoli after same is

heated in oil. This form, I believe is more classic and palatable.

Third, Au Gratin. Take the cooked Broccoli and place in butter for a few minutes. Have some cream and Fennell ready to mix in with it; then cover over with Parmesan Cheese au gratin, adding a little nutmeg so desired.

Fourth, Broccoli Hollandaise. Serve warm, heated for instance in chicken broth and served with Hollandaise the side.

The Broccoli when cold can be served as an excellent salad, but dressing must be very simple; oil, vinegar, pepper and salt (rich in oil) and on some occasions can be served with sardines.

Broccoli are also used in the preparation of Cream of Broccoli for garnish for any kind of meat (white meat preferred).

FENNEL

Fennell is strictly an Italian vegetable and can be served raw as cold or cooked Au Gratin, à la Maitre d'Hotel, Bordelaise and à la Creme. In cooking the Fennell, one must pay much attention because the flavor is so delicate that if allowed to overcook the vegetable will be without taste. In the case of the Broccoli, two waters are necessary in boiling, not too long. The Fennell is generally cooked between 15 to 20 minutes and after straining, served in the following ways:

Au Gratin. Cut the Fennell in longwise; have it heated in rich cream, stiffened with cheese, sparkled with Parmesan and made au gratin, seasoning with a little salt only.

A la Moelle. Much the same as for a Cardon or Endive. First the Fennell is braised with a good amount of salt pork and marrow of beef, glazed with a few drops of gravy and allowed to boil gently in the gravy for a few minutes. Large tranches of beef marrow will be served on top and occasionally a crouton au beurre.

Bordelaise is prepared as for the Moelle, but braise the Fennell with a good amount of crushed shallots and a few drops of good white wine. Before serving, sparkle the dish with some fine herbs and serve with croutons au beurre.

A la Creme. Simply heat the Fennell (already cooked) in some cream, add salt and pepper, a little nutmeg and croutons.

To be cooked perfectly, the Fennell must have a delicate flavor of oil and in order to secure this result special care must be given to the seasoning and especially with salt and pepper.

An excellent cream soup is made with the Fennell but is generally mentioned because the taste is so strong in Anise and but few people ever ask for this soup or potage.

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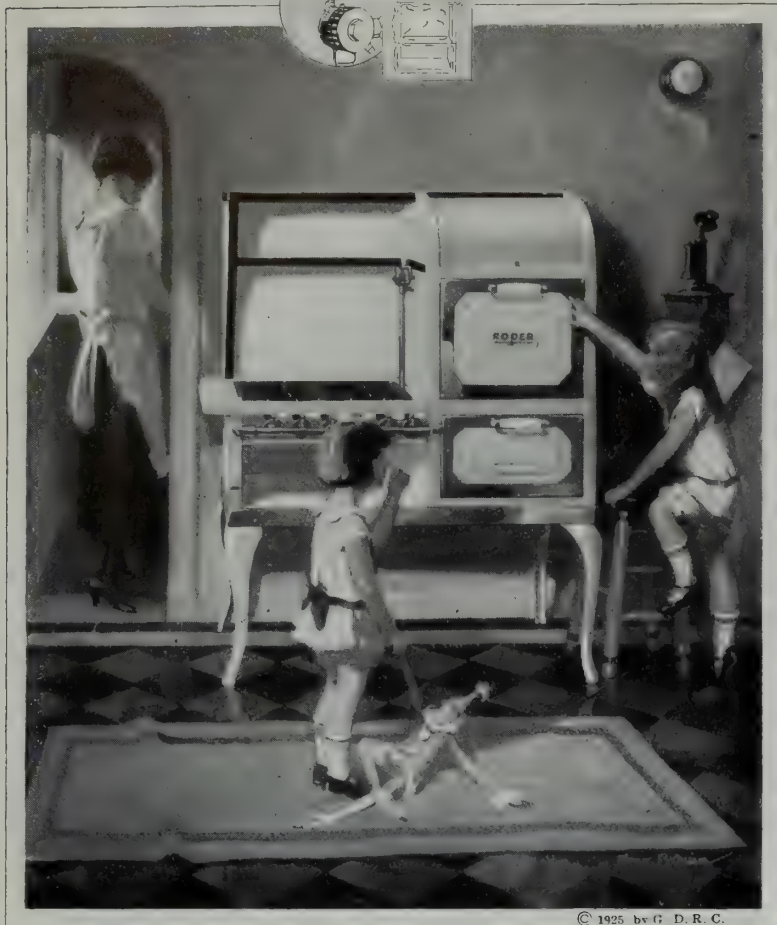
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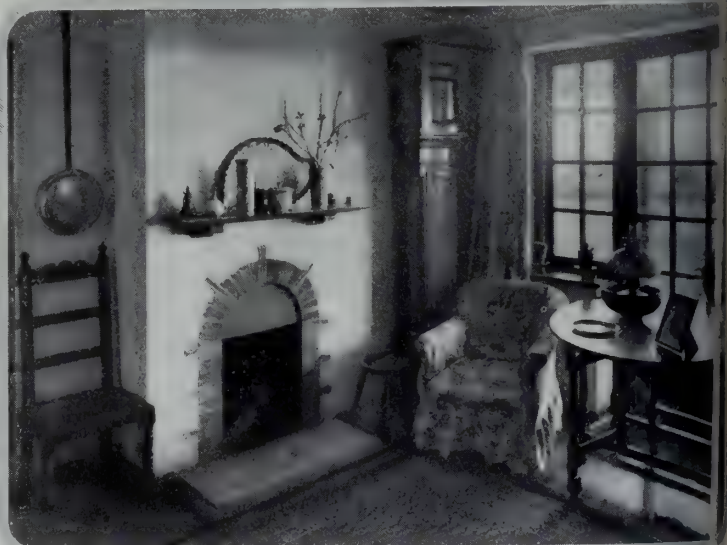
ENGLISH COTTAGE INTERIOR



Simplicity is the keynote of the attractive room above. The walls are rough plaster, a nice contrast to the colorful printed linen that covers the chairs on either side of the fireplace



This simple, unpretentious dining room has considerable charm owing to the use of antique chairs and table and a well-designed dresser filled with pottery and pewter



The picture above shows the livable corner of a hall in an English bung low. The woodwork has been left its natural color and waxed. The walls are rough cast plaster and the curtains and slip cover gay colored chintz

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THE ROOF OF TILE

(Continued from page 85)

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For our more northern districts and where the Georgian and pre-Georgian English house is so fittingly developed, we are producing other types of roofing tile which seem to fit in more happily than the Mediterranean or Latin tile.

For the Georgian and pre-Georgian English house, we have the shingle

tile, so commonly used in England, and the pan tile, which, though long upon as Flemish in origin, has likewise been much used in England. Both of these tiles are finer in texture than the Latin variety and are particularly at home with brick and stone masonry walls. Neither of these tiles is as largely used as it deserves to be; slate having been much resorted to, if a fireproof roof was desired.

Just as our brick manufacturers are studying today to rid their product of the hardness and exactitude of the peating machine process, so our roofing tile manufacturers are making an effort to get into their product something of the irregularity which is characteristic of the hand-made product of the days before machinery came in.

Until recent years our roofing tiles, almost without exception, have been mechanically perfect in surface and shape. In fact this mechanical perfection has seemed to be the end of the matter. This type of perfection is still in very general use, but with greater effort, and insistent demand.

(Continued on page 154)



Here are hand-made shingle tiles laid on a roof supported by hand-hewn timbers—an unusually happy combination. David Adler and Robert Work, architects

Treasure-Trove of Schling's Novelties for 1925 Gardens

We want YOU to know Schling's Seeds—Seeds whose remarkable quality is not due to chance, but is the result of the painstaking, scientific care with which they have been produced by Master Gardeners for Flower Specialists. *Absolutely dependable* because of the vitality bred into them—Here is a pageful of delightful surprises and there are many more in our new "Book for Garden Lovers."—free with first order, or 25c the copy.

OFFER A—A \$3.00 Value for \$1.00

Our Get Acquainted Specialty Offer to House & Garden Readers

Schling's New Annual Blue Anchusa—Like a spray of forget-me-not of deepest blue, on 18 inch stems.	packet
Schling's New Double Orange Glory Calendula—Glowing orange, perfect form, double to center	.25
Schling's Double Clarkia—Like a spray of apple-blossom, beautiful	.15
Schling's New Annual Chrysanthemum Morning Star—Soft primrose yellow, daisy-like	.35
Schling's New Double Hybrid Poppy—Beautifully fringed, as big as a Peony. Will last a week in water.	.35
Schling's Giant Yellow Tulip Poppy—A glowing sun-kist golden yellow. Long stem	.15
New Orchid Pansies—Beautifully frilled of giant size in the pretty tints peculiar to orchids	.40
Schling's New Apricot-Colored Pansies—Charming	.50
American Beauty Aster—Monster flowers, 7 inches across, 3 ft. stems. Same color as the American Beauty Aster	.25
Picotee Zinnias—Exquisite pastel shades, the end of each petal distinctly marked with other well defined colors	.35
	\$3.00

OFFER B—\$12.00 Value for \$9.00

12 New American Snapdragons—A New Size—A New Race. Spikes rivaling the Gladiolus in height and vigor	
Indian Summer. A new color in snapdragons, entrancingly beautiful—A rich velvety copper-red	1.00
Golden West. A rich deep golden-yellow with rosy lilac throat	1.00
Pathfinder. Tender rose-pink, with yellow lip and pure white throat	1.00
Yosemite. A splendid lilac-purple. (Like the garden lilac)	1.00
Navajo. Pure delicate canary-yellow self	1.00
Seminole. Rosy-lilac, with silky white throat	1.00
Wyoming. Deep carmine-pink, with golden-yellow lip, wonderfully effective	1.00
Narragansett. Delicate rosy-lilac, overlaid with a silvery luster; rich golden-yellow at center	1.00
Tenega. (Sunset) Golden-yellow, (Autumn gold), changing toward the center to a bright terra-cotta	1.00
Shasta. Lovely pure white, with a fine yellow throat	1.00
Massasoit. Brownish-orange, with an undercurrent of coppery-red	1.00
Miami. A delightful tender rose color	1.00
	\$12.00

OFFER C—\$6.55 Value for \$5.50

The Novelties of 1925—Absolutely New

Sweet Pea Defiance. A glistening orange scarlet, burnless. The brighter the sun the better the color	.35
Petunia Ruffled Gt. Camella. Rose with deep carmine band and veins toward margin of the flower and in throat, of extraordinary size	1.00
Mignonette Golden Goliath. At last a real intense golden-yellow highly fragrant Mignonette with long spikes	.75
Lobelia Erinus Compacta Atrocerulea. Deep gentian blue without markings. Bears its flowers in masses. Exceedingly charming for edging	.50
Verbena Aubletia Atro Violacea. Deep violet. Its numerous flower heads held erect are freely produced under all conditions; dry or wet. 15 inches high	.50
Helenium New Dwarf Præcox. While only 2-3 ft high, the flower stems carry loosely formed corymbs in which we have counted up to 100 flowers, some with a diameter of 2½ inches. Bloom continuously for at least 3 months. In various shades of yellow, brown; some striped and tinged like Gaillardias	.50
Giant Ten Week Stock Long Stemmed Champion. Sends up only 1 strong flower spike often 26 inches long, column-like. Individual flowers from 2 to 2½ inches across	.50
Delphinium Tom Thumb Ultra Marine Blue. 8 inches, broad well formed bushes. Blooms right through the summer. Individual flowers ½ inch in diameter. Strikingly beautiful in beds	.35
Helichrysum Monstrosum Canary Yellow. A clear canary or buttercup yellow, flowers of finest form.	.25
Cosmos Early Extra Dwarf Fairy Queen. Only 2½ ft. high, well branched and gay with bright rose flowers from July to the end of the season. Does not require staking. For beds or masses	.50
New Zinnia Gracilima. 10 inches high with the tiniest globular, perfect-shaped double Zinnias about the size of the button Chrysanthemum. Always covered with blooms. Truly charming. Assorted colors	.35
Chrysanthemum Præcox White Lady. New double and semi double white spring Marguerites. Although a perennial, will bloom in 3 months from seed	.35

Dimorphotheca Ecklonis. A star shaped East African daisy of greatest value for the garden and for floral decoration. .35

Statice Rosa Superba. A very attractive new shade in these popular everlasting Sea Hollies. .25

Sweet Peas Miss California. A lovely, warm salmon-cream pink. A novelty of outstanding merit. .25

\$6.55

OFFER D—\$7.55 Value for \$6.00

Other Recent Novelties Well Worth Your Acquaintance Don't Overlook Them!

Schling's Marvelous New Dahlia-Zinnias. True aristocrats, 6 to 7 inches across, like huge decorative Dahlias. .40

Schling's New Viscaria Loyalty. Covered with flowers resembling in miniature a wild rose of a rich cornflower blue. .35

Schling's Original Blue Lace Flower. Queen Anne's Blue Lace. Flowers of an exquisite blue, long stems. .50

A New Bedding Petunia Violet Queen. Real deep velvety violet-blue, blooms as freely as Rosy Morn. .50

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Godetia Azaleaflora. Charming novelty remarkably similar to the Azalea. Flowers all season. .35

Cosmos Extra Early Double Crested. Just as beautiful as the late flowering varieties. .50

Schling's New Hyacinth-Flowered Larkspur. Extremely beautiful, exceeding all others in size and vigor. 5 ft. .35

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New Double French Marigold "Moonlight." Pale sulphur-yellow flowers of a perfect shape resembling Pompon Dahlias. .75

New Lilliput Poppy. A sensation, only 12 inches high. Constantly in bloom of a daybreak pink. .25

Dianthus Laciniatus Splendens. A charming new strain of Single Pinks. Extremely large flowers, exquisitely marked, with white eye. .50

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Siberian Wallflower. Clusters of bright orange yellow flowers, in masses above glossy foliage. .50

Lavatera Splendens Sunset. Exceedingly rich deep pink Annual Mallow with very large flowers. .25

May be cut with 2 ft. stems

Poppy American Legion. Dazzling orange-scarlet Shirley Poppy of enormous size, borne on long stems. Plant it with Cornflowers. .25

\$7.55

OFFER E—Sunburst Collection

12 Dahlia-Zinnias in 12 Distinct Colors. True Aristocrats of the Zinnias

Exquisite. Tyrian Rose.	
Crimson Monarch. Best red, immense size	
Giant Attraction. Brick Red (Spectrum red)	
Scarlet Flame. Beautiful bright red blended with orange.	
Meteor. Glowing deep red (Spinal Red)	
Oriole. Orange and gold, worthy of its namesake.	
Old Rose. Adequately described by its name.	
Dream. Deep lavender (Mallow Purple)	
Polar Bear. Very large pure white.	
Buttercup. Immense rich buttercup yellow	
Golden State. Rich orange yellow (Cadmium)	
Canary Bird. Delicate shade of primrose-yellow. Very large.	

THE COLLECTION—1 Packet each of 12 colors—\$5.00
Any single packet—50c each

OFFER F—

Schling's Perpetual Summer Spinach. Another exclusive novelty, not obtainable elsewhere. A real Spinach that you can cut and recut and it will come and come again. Not a Swiss Chard but a quick growing Spinach which takes the place of all other varieties.

A BIG 2 OUNCE PACKET FOR \$1.00
Will supply your table throughout the summer

OFFER G—3 Unusual and Delicious Vegetables

The Delicious Italian Sprouting Broccoli. A new vegetable for American Gardens, now served in the better hotels. Has the combined flavor of Asparagus and Cauliflower. .25

The Succotash Pole Bean. A shell bean with a combined flavor of beans and corn. .25

Easy Growing Asparagus Bean. Curious, tender, fleshy pods often 2 ft. or more in length. Grow it on poles. .20

THE THREE FOR 60c

OFFER H—VERY SPECIAL—The entire collection of seeds on this page including over 60 items—total value \$36.80—FOR ONLY \$30.00

PLEASE USE THIS COUPON

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near 59th Street

Schling's Seeds

New York
City

I enclosed \$..... Please send me Offer A ☐, B ☐, C ☐, D ☐, E ☐, F ☐, G ☐, H ☐ and the Book for Garden Lovers.

Signature..... Address.....



DIAN SUMMER

and loveliest of the New American Snapdragons—Marvelous color equals the gladiolus in height and vigor. Grown successfully from the Yukon to the Gulf. See offer B.



ECKLONIS

A new African Daisy—Dimorphotheca Ecklonis—Star shaped flowers with centers borne on long stems. Very successful in the border. See offer C.



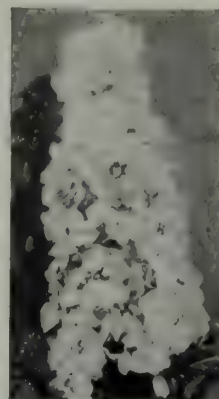
ORANGE GLORY

A splendid new Calendula—double and remarkable in color and profusion of bloom. See offer A.



PINK BEAUTY

Aeriously double crested—Blossoms with the finest as beautiful as the varieties. See offer D.



CHAMPION

Just introduced!—This remarkable long stemmed stock with its single flower spike, often over two feet tall, thickly studded with giant flowers—See offer C.



TOM THUMB

This unique and beautiful dwarf Delphinium—a bushy plant only 8 inches tall covered with blue flowers—is exceptional in size, color and habit of growth. See offer C.



SIBERIAN WALLFLOWER

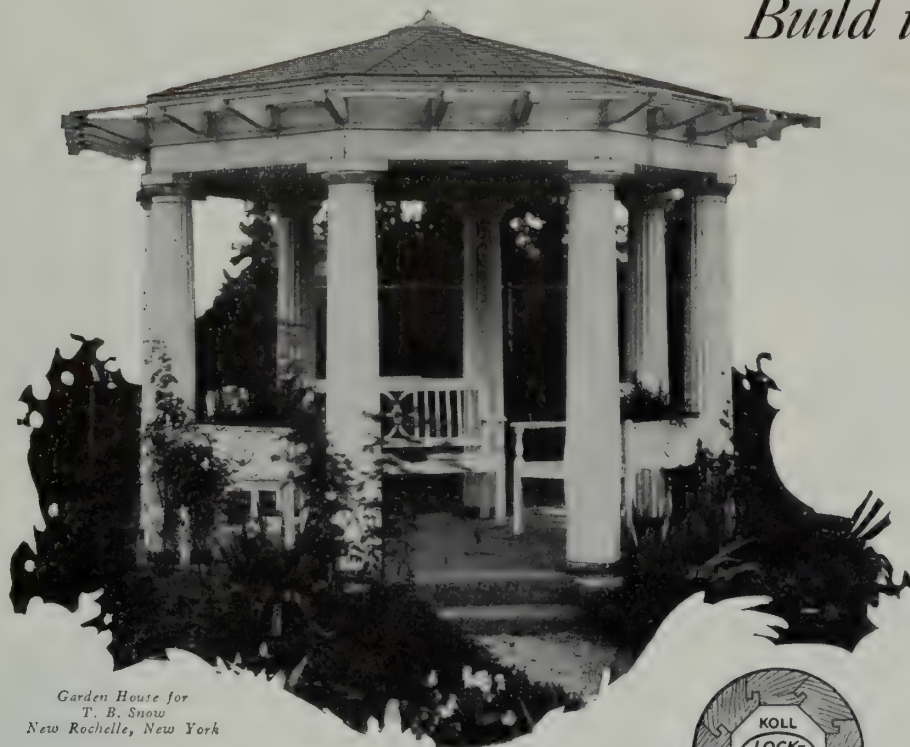
An exquisite variety recently introduced. Very hardy and a splendid golden note for your garden. Blooms the first year. See offer D.



METEOR

One of our marvelous giant Dahlia-Zinnias with petals overlapping Dahlia-wise. Flowers often 6 inches in diameter. See offer E.

In your Home Garden Build this bit of Fairyland



Garden House for
T. B. Snow
New Rochelle, New York

Gathering twilight, moonlit evenings amid the restful quiet of your garden—how enhanced by this lovely bit of garden architecture! What an alluring charm it adds to your grounds! And how easily acquired!

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ANCHOR Galvanized after weaving CHAIN LINK FENCES





The wallpaper design reproduced in this panel is one-eighth actual size.



PERSONS who look upon home-making as an art often seek wallpaper effects removed from the conventional. Such effects may readily be obtained without sacrifice of taste or beauty. The example given here is one of the most ambitious and pleasing of the newer creations. Modern in every sense of the word, it gives to the dining room the lovely freshness of a hanging garden.

Not only may decorative values far above the ordinary be obtained for every room in the house by the proper utilization of wallpapers, but you will be surprised at the moderate cost of even the finest wallpapers.

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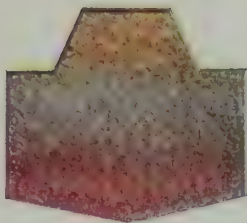
Send 10 cents in stamps or coin for "Walls and Their Decorations," a comprehensive resume of great historical periods of decoration by Major Arthur de Bles, international authority on decorations.

Any store that displays this sign is an Associate Member of the Wallpaper Guild. There you will find good wallpapers, competent workmanship and fair prices.



WALLPAPER

MANUFACTURERS ASSOCIATION of the United States 461 EIGHTH AVE., N. Y. C.



The new thatched pattern makes a charming roof

PRESTON Hexo-Diamond Shingles when laid with the points down produce a thatched effect. This pattern in the heavier weights is unusually attractive—especially in the Sunset shade. Your house will seem to have been transported from the lovely countryside of England.

Preston Hexo-Diamond Shingles make your home distinctive by their soft mellow colors which are the natural tints of the slate and stone particles with which they are surfaced. Preston Shingles protect your house because of their superior wearing qualities.

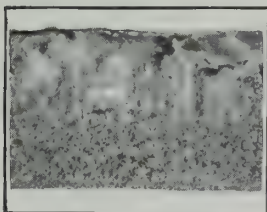
Preston Hexo-Diamond Shingles are made in three weights, Standard, Extra Heavy and Massive, and besides the gorgeous Sunset shade in three other colors: Green, Blue-Black and Red.

The "Massive" weight is much thicker than any other slate surfaced asphalt shingle on the market, and approximately one-third thicker than a Standard No. 1 slate shingle.

We shall be glad to give you the name of a dealer or contractor who can supply you with Preston Shingles.

KEYSTONE ROOFING MANUFACTURING
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MICROSCOPIC ENLARGEMENT

THE wearing qualities of Preston Shingles depend not only on the quality but on the quantity of asphalt which each shingle contains. If you examine the edge of a Preston Shingle, you will notice that it is practically a solid body of asphalt. This feature of Preston Shingles accounts for their remarkable wearing qualities.

Preston

ROOFING



The Head That Is Known By Its Hat



CLEVER heads don't always wear clever hats—would that they did! But the cleverest of them do. The new little tight hats, not too high, not quite so unmercifully plain as the hats of the winter.

A bit of low-placed trimming—grosgrain ribbon, cordes of feather or badger, a brush of crosse, a small bunch of flowers to match a pastel felt. . . . The variations are infinite, but the result is the same. Spring hats for everybody . . . except the woman who doesn't know a hat when she sees one.

Later will come the large hats. What will they be? Who will wear them? When? How? And with what? . . . Vogue knows.

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A year of Vogue is an education in how to meet the right hat and live up to it ever afterward, from the top of your shingle to the toe of your pump. The way to meet Vogue itself, and have it always at your elbow when the crises arrive, is to sign the coupon. Two minutes—seven dollars—forty-eight issues—and the rest of your life to be glad in because you obeyed that impulse!

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Vogue will save you money on every one of its numbers—perhaps many times the subscription price. Not the kind of saving that means doing without things you like, but the kind that eliminates buying mistakes. They're the biggest extravagance—aren't they? And they don't bring you a second's pleasure—do they? So—this year economize—and enjoy it.

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Bought singly, at 35 cents a copy, these 48 issues would cost you \$16.80. Through this special offer you get them for \$7. A saving of \$9.80 or 21c a copy

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☐ Enclosed find \$7.00, for which send me **TWO YEARS** (48 issues) of Vogue. (OR)
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WHATEVER you do or don't do, be sure to send for our new catalog. It's a regular Treasure Trove in itself.

If you miss sending for it, you will all Summer have a regrettable feeling that you have missed something.

And you surely will have. A mere postal brings you the catalog.

\$1

For so little as one dollar, we will send you, postpaid, this wonder worker Shaker Shaker, filled with enough to sow 400 sq. ft. of lawn. It sows your lawns and distributes your fertilizer. Anybody can use it. Lasts a life-time.

The SECRET of Shirley Ann's Garden

SHIRLEY ANN told it to us, and we are telling it to you. Telling it not in words, but in the things themselves that have so long made her garden the envy and despair of her neighbors, and friends. We are telling you her secret in at least 33 of Shirley Ann's own treasures, as she calls them. Treasures which she has selected, and we are with her consent packing fittingly, and calling "Shirley Ann's Treasure Box."

It contains 13 of her choicest annual flower treasures.

10 of her loveliest old timey perennial or hardy flowers treasures.

At least 50 of her "Rainbow Sticks" as she calls her gladioli.

To all of which we are adding that wonder worker garden tool, the Shaker Shaker filled with enough grass seed to sow 400 sq. ft. of lawn.

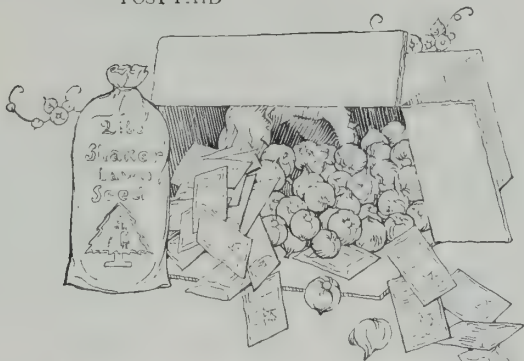
The Treasure Box costs \$5.

The Shaker Shaker \$1.

But as one garden lover to another, we will send them both for a time for only the \$5. Furthermore, we will prepay them both.

\$5

POST PAID



Julius Roehrs Co
At The Sign of The Tree
Box 60 Rutherford N.J.



Above are two machine-made pan tiles, one scratched, the other smooth, to gain texture in combination. Below are hand-made shingle tiles, expensive, but beautiful in mass

THE ROOF OF TILES

(Continued from page 150)

from the buying public, it may be that the machine process can be made to overcome this essential drawback from an esthetic standpoint.

Some of our most costly tiles are now made by hand; this costliness being due entirely to the additional expense of hand labor over the machine process. For the sake of the greatly added beauty which irregularity and play of surface affords, the additional price is paid.

In selecting roofing tile there are several points which must be carefully considered. In this country, there are three general varieties in shape to be considered. The Latin or Mediterranean type of tile consisting of two semi-cylindrical sections, trough and cover; the pan or S shaped variety with cover and trough joined into one piece, and then the shingle tile, which is but a flat plate of burned clay, corresponding to slates or wood shingles in shape, and laid in the same manner.

The scaling of the tile to the building is of very great importance. If the Latin or pan tile is used, particular care and thought must be given to the size of the cover portions, which form the ridges. If these ridges are too heavy and strong for the building below, the result is unfortunate and clumsy.

Color is of prime consideration and is one of the most difficult phases of

selection, especially with those varieties of tile which are highly vitrified or are glazed. Time will have little or no effect on this latter sort and the roof starting with a hard strong color, often a very uniform bright red or green, stays hard and strong in coloring—each rain washing the roof clean and restoring it to its uniform pristine garishness. If it were possible to wait five or six hundred years for time to gradually tone these strong colors down, the tile roof of this character might be indulged in, but today, we are apt to desire all that age can give to coloring by the time the house is finished and ready for living in.

The action of frost should also be considered when roofing tile is selected. The tile determined on should have its weather record carefully looked up. Tiles have a way of absorbing water just prior to a freeze, and then have the unkindly habit of going to pieces, when the hard freeze arrives.

The selection of tile demands the study, care and investigation that is required with any other form of covering but when successful the result can be completely satisfying. There is a romantic and lively beauty in the warm browns, reds, yellows and purples of burned clay if carefully selected and combined,—which can be had in no other roofing material.



Diener's Gladioli

Order gladioli now for spring planting. The gladiolus is the king of flowers and the easiest to raise.

A collection of 12 of our named varieties made up especially for readers of *HOUSE AND GARDEN* will be shipped on receipt of three dollars. This exceptionally choice collection, offered at this extremely low price, will make a valued addition to any garden.

Bulbs are carefully packed and separately labeled.

Write for Our Free Catalog

Our 1925 catalog will be mailed at the request of every reader of *HOUSE AND GARDEN* when mention-

"Field of Diener's Gladioli"

ing this magazine. It is a work of art, beautifully illustrated in natural colors, and contains valuable cultural directions.

Our catalog fully describes our 1925 novelties of gladioli, petunias, and dahlias, as well as many other of our originations.

Write for your copy now.

**RICHARD DIENER
COMPANY, Inc.**

*"Originators and growers of the world's
finest and largest gladioli and petunias"*

**Kentfield, Marin County,
California, U. S. A.**



Evergreen Windbreaks Give Peace

When fierce northeast gales assail your house it trembles on its foundations; the wind whistling round the corners makes night hideous; you are frightened and want to get away.

Hicks' "Time Saving" Evergreens

used as windbreaks rob the gale of its power. Stability, quiet, and peace come to the house protected by these large trees. Moreover, their cost is soon saved in reduced fuel bills.

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Hicks'
Nursery
Service

We will help you make your home more comfortable—ask us. The trees are ready to move when you want them.



Better Iris—by Farr

Farr's Seedling Irises are without doubt the most superb that have ever been offered. Iris fanciers and experts place them far above the most popular older varieties. A garden without a fair representation of Farr's Irises is not complete. Irises thrive in poor soil, in sunny places where most plants refuse to grow.

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Our collection contains only the better varieties of Iris, Peonies, Chrysanthemums, Larkspurs and other perennials. All have passed a rigid censor.

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Our new catalogue, represents the ideal towards which we are striving—better products, better methods, better service. Send for a free copy.

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Whatever Kind of Garden You Desire



Supposing you want to cut flowers to your heart's content! Even the small garden can be made to yield an abundance of flowers throughout summer and fall, by a judicious selection of easily grown Annuals. The Dreer Garden Book offers the greatest choice of flowers worth growing but for those willing to accept our help we suggest the following selections. At small expense this will give you truly a

Season's Supply of Flowers Easily Grown From Seeds

Superb Branching Asters, a packet each of 8 beautiful colors60c
Giant Snapdragons, a packet each of wonderful and distinct colors50c

Double Calendulas or Pot Marigolds, a packet each of 6 choice sorts25c

Double-flowering Cornflowers, a packet each of 6 colors of this splendid improved type40c

Extra Early Colossal Cosmos, a packet each of 3 colors, White, Pink, and Crimson25c

Stock-flowered Larkspur, a packet each of 6 beautiful colors50c

Special Strain of Giant Double Zinnias, a packet each of 7 of the most wanted colors75c

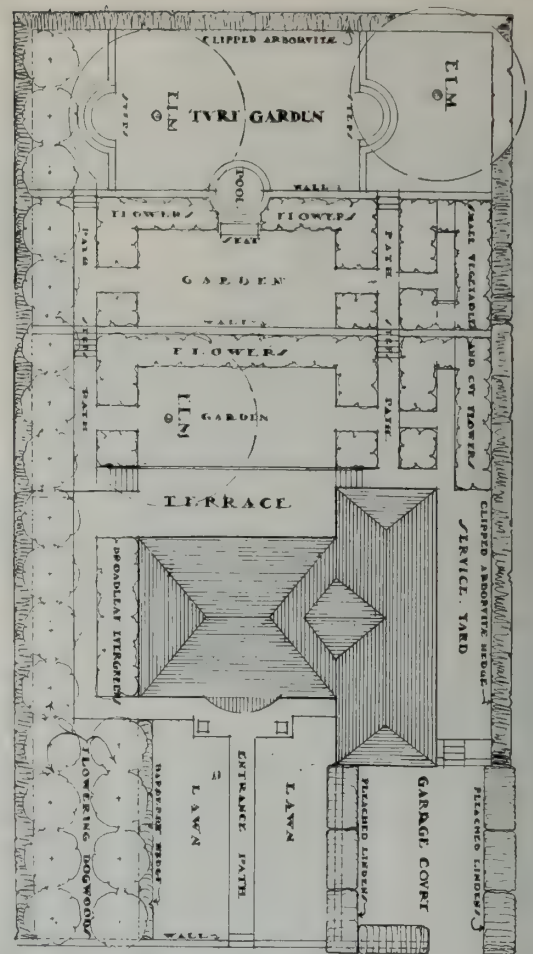
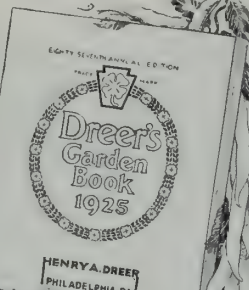
Special Offer:—The complete collections of above 7 popular flowers, 42 packets of the choicest seeds, in quality strains, will be mailed postpaid for \$3.00.

Dreer's Garden Book

Abounds with hundreds of similar favorable offers in Seeds, Bulbs, and Plants for garden and home. For 87 years this printed representative of ours has been looked upon as a trustworthy friend by thousands who feel that our service and merchandise are essential to their garden success. The Dreer Garden Book requests the privilege of being of service to you. Free, of course, and please mention this publication.

HENRY A. DREER

1306 Spring Garden St.
Philadelphia, Pa.



The plan illustrates the plot arrangement, which drops first from the street to the front lawn, then to the terrace, and thence through three garden levels

AN IDEAL SMALLER GARDEN

(Continued from page 86)

loveliness upon broad surfaces of turf broken only by two tall Elms, two low retaining walls cut by curved steps, a circular pool set in the wall that separates it from the garden above, and the background of clipped hedge. Its graceful quality of restfulness is very appropriate, for it is the last and lowest of the gardens and its shade and walls and water are all that is necessary for making it a pleasant and comfortable sitting place.

The two gardens on the intervening levels have a more lively interest, for they have been made gay with deep borders of perennials along three sides. The fourth side in each case is in effect a flower border, for it is marked by a retaining wall of rubble masonry whose crevices are filled with rock plants. These two intermediate gardens, lying between the lower turf garden and the paved terrace at the house, are so similar in design that variety must be provided by means of a difference in color schemes. The upper garden would therefore be planted with perennials whose colors are variations of red and yellow. These warm colors are what painters call "advancing" colors; that is, they seem to come closer to the observer. The lower garden would then be planted with perennials whose colors work from white to deep blue. These are "receding" colors. The effect

gained by this method of planting would be to emphasize the nearness of the upper garden to the lower terrace and increase the distance of the lower garden from the same viewpoint, thus giving an apparently larger size to the grounds to anyone looking towards the gardens from the house. Two lateral paths provide access to the gardens from the steps at either end of the terrace. The steps each of the two drops in grade built of brick to give a nice contrast to the stone of the walls. Two paths have been laid out at the south end of each intermediate garden for all vegetables and flowers for cutting.

An interesting and effective type of enclosure has been given the garden court by using pleached Lindens. The trees are planted fairly close together and then sheared to give the appearance of a clipped hedge whose branches begin about 5 feet from the ground.

The whole effort on these gardens has been to give them the same spirit of graceful distinction which the architect achieves. They are formal in the sense that they have a certain symmetry of design, but of the impressive and dignified manner it is hoped they have. Primarily, their beauty and appropriateness are the results of the design being the one sensible solution of the problem of the site and the treatment a harmony with the house.



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Sows Seeds at a Touch!

Enables the Amateur to Sow with the Skill of the Professional—Insures Uniform Distribution of the Smallest Seeds—Assures Strong, Vigorous, Healthy Plants.

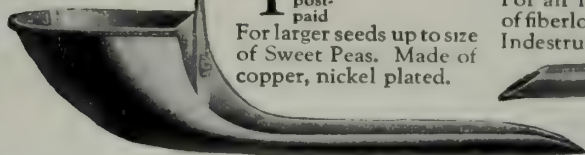
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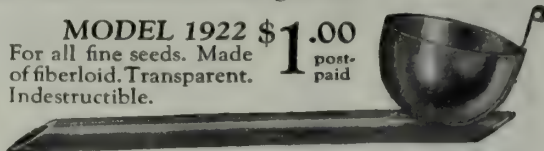
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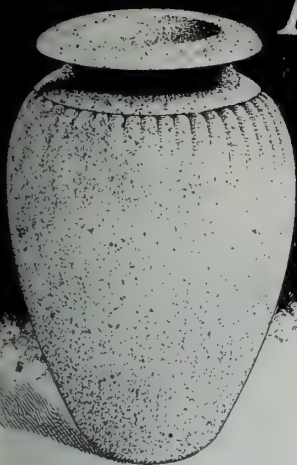
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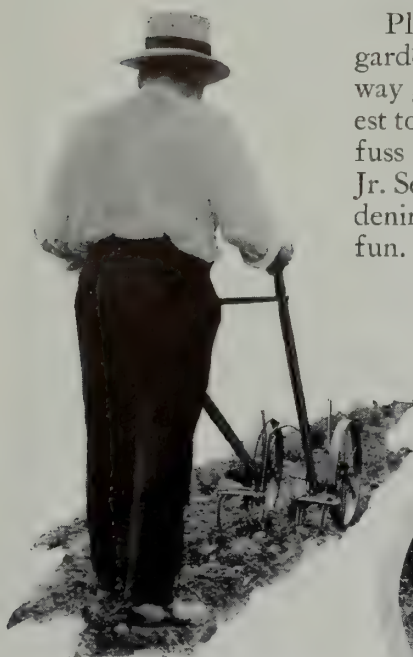
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Carnation Victory has an effective yellow ground with pencilings of deep purple and red

CARNATIONS AND PINK

BORDER Carnations are easily propagated by layering the unflowered growths which appear about the base of the central and flowering growth. Layering offers no difficulties. It may be necessary to remove some of the basal leaves; then, at a point below, and a little to the right of, the leafy cluster, insert a sharp, narrow-bladed knife, in the center of the stem, the edge facing away from the leafy portion; a long, slanting cut, bringing the knife blade out on the underside of the stem, will complete the operation. The long tongue thus made must be kept open by means of a tiny bit of stone, otherwise the cut surfaces will grow together. Having made the layer, the whole of the cut part should be embedded in gritty soil previously prepared for the purpose and mounded about the base of the parent plant; a hooked peg—a hairpin will do—looped over the stem at the point where the knife came out, and thrust into the soil, serves to

keep the layer steady and also to keep the "tongue" open. Having made the layer secure it is necessary to cover well with soil and at the same time bring the leafy portion upright and nearly so, which also tends to keep the cut open. It is from the tongue that most of the new roots will grow. Watering the soil about the layer is usually necessary on many occasions and it must be done with care, otherwise the rooting portion will be dried bare.

In due course the layers will be sufficiently rooted to start the separation. After the separation has taken place a cut through the connecting stem will give them. A week or two later, provided the bed or border is prepared, the layers may be lifted and planted where they are to flower the following season, or potted up to be wintered in a cold frame.

There is no floral quality checked for the Carnation which the Pink does not possess. Long ago the check

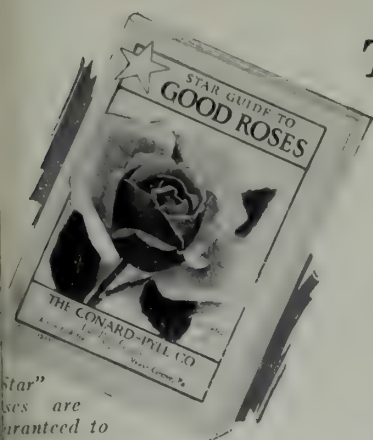
(Continued on page 162)



The new border Carnations have all the fragrance of their greenhouse cousins. Queen Mary, shown here is a rose pink



A soft du Barry rose color is deeper tone at the base of the petals is the coloring in the Alwoodi Pink named Ru



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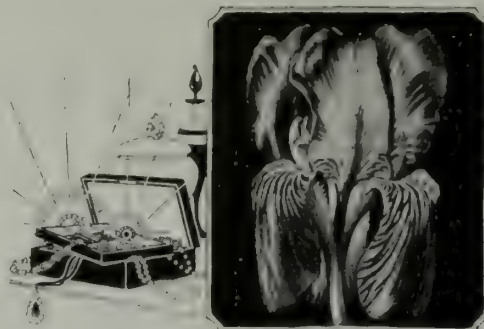
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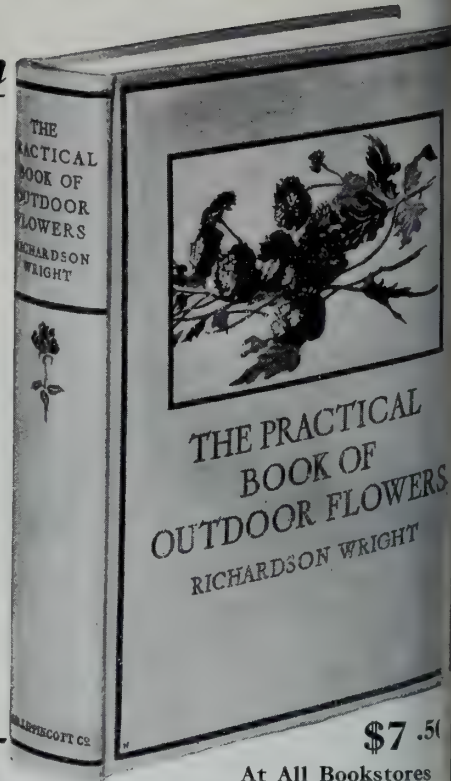
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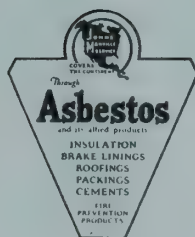
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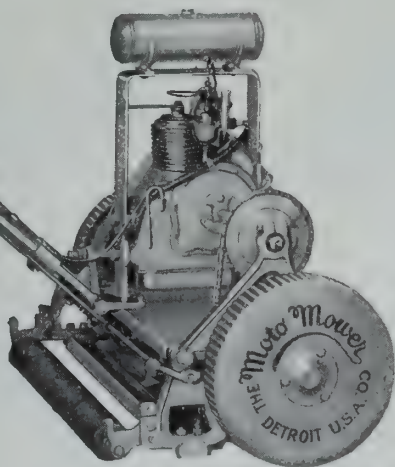
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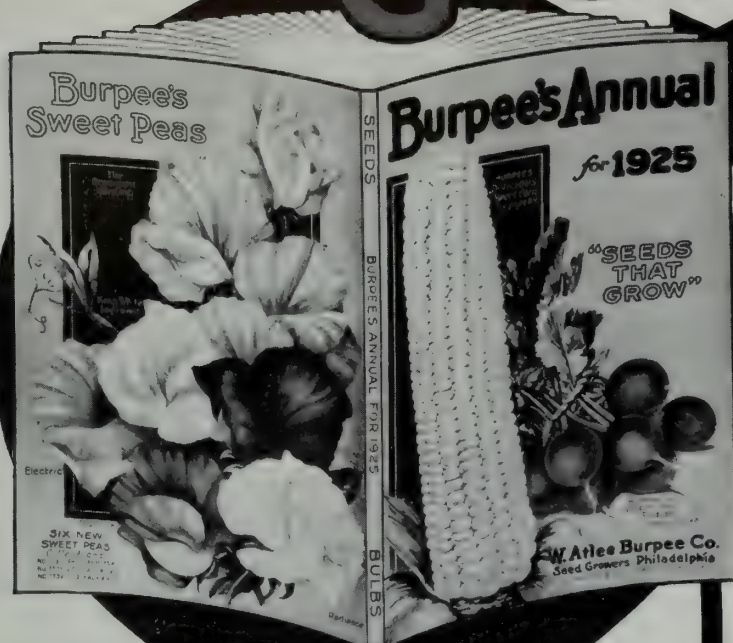
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Pink Model is the name of this engagingly fresh Allwoodii—rosy pink with a carmine base

CARNATIONS AND PINK

(Continued from page 158)

Pinks had form as fine as any Carnations, while in regard to markings the humbler flowers, as represented by the laced varieties, need no apology. In coloring, in fragrance, in freedom of blooming, and in length of season, the Pinks hold their own with border Carnations.

There are signs in plenty that Pinks are regaining the popularity they once enjoyed.

Several firms are engaged in raising new Pinks, so that there are now single, semi-double, and double varieties, some dwarf, some of medium height, and some fairly tall—for Pinks; while the coloring ranges from purest white to vivid crimson-scarlet.

Distinct in character, but still retaining the Pink's size and form of flower, are the several varieties of a hybrid race having the generic title of *Dianthus Allwoodii*. These originated from the inter-crossing of perpetual-flowering Carnations and

Pinks, and they are destined to occupy a high position among continuous-flowering plants suitable for garden decoration. The stems carry many blooms each, and when garden effect is the chief aim, the cultivator will be well advised to pinch out the early or terminal flower bud, as this will encourage the remaining blooms to increase in size and lengthen the stems. A few twigs set among the plants will serve to keep the flowers erect during storms of wind or rain, but staking is unnecessary.

Old-fashioned Pinks are easily propagated by pipings, i.e. grown from cuttings pulled or tugged from their sets, and dibbled into gritty soil during June and July. The varieties which owe their origin in part to the Carnation, may be propagated at almost any season of the year when cuttings are available, but early propagation is essential when strong plants are needed for autumn planting.



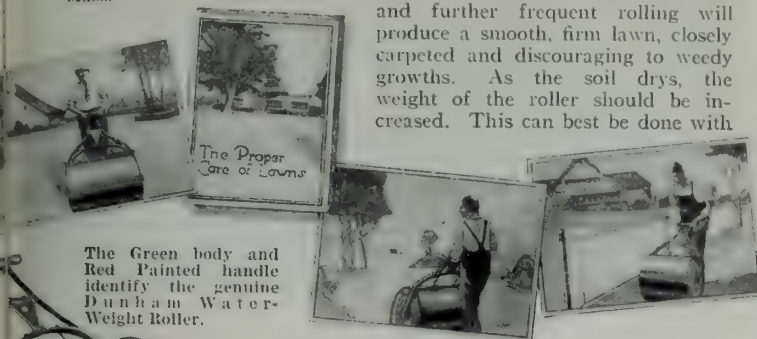
Three border Pinks—(left) Lord Lambourne, crimson; (above) Red Indian, deep dull red; and (right) Bridesmaid, pale pink



Carnation Daisy Walker is a fine variety for the border. The flowers are delicately flaked a rosy pink on a pure white ground

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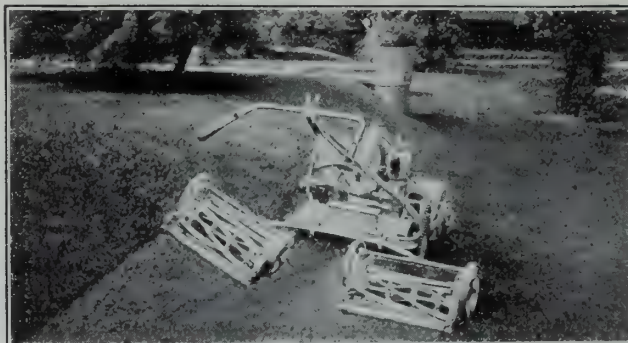
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(LAWN) MOWERS

COLDWELL LAWN MOWER COMPANY, NEWBURGH, N. Y., U. S. A.

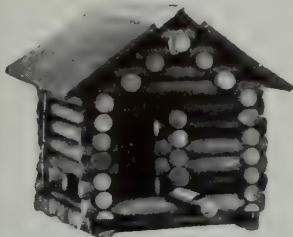


Standard
Wren House

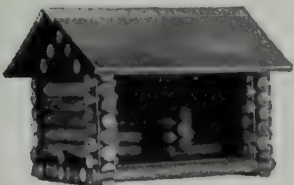
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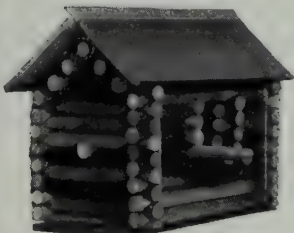
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Lincoln Log Bird Houses with log floors and sides have a rustic appearance.

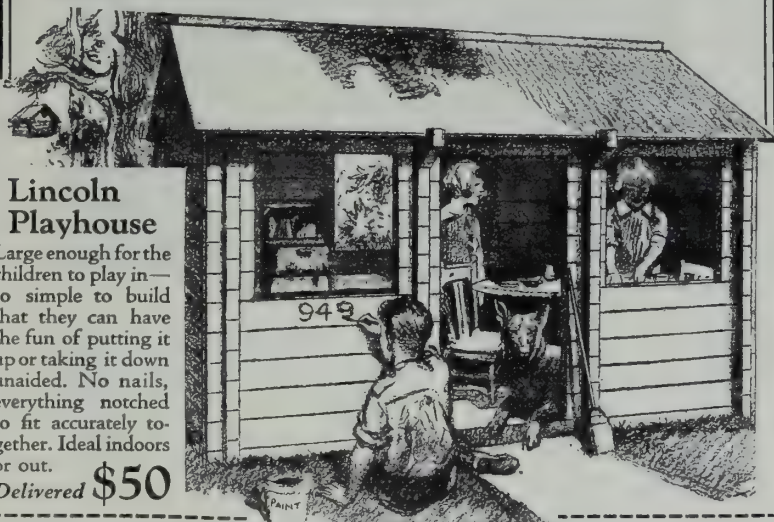
Hung in trees or under the eaves, fastened to a wall or on a pergola, they add a decorative touch whether in small yards or spacious grounds.

One of the distinct pleasures of the Lincoln Log Bird Houses is the opportunity of building them yourself from the ready-notched and stained logs.

The birds are now choosing their summer homes. Decide at once on the items you wish, then

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Large enough for the children to play in—so simple to build that they can have the fun of putting it up or taking it down unaided. No nails, everything notched to fit accurately together. Ideal indoors or out.

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— Lincoln Log Bird Sets, for building models shown to the left side or others in design book	each	3.00
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Street..... State.....



Properly packed trees may be left in their wrappings a few days. However, if any length of time is to elapse before planting, they had better be unpacked and have their roots covered with earth

FRUIT TREE CARE THE YEAR AROUND

DR. E. BADE

IN the early fall when the fruit trees cast off their leaves, a short period of rest begins. A unique change takes place in the wood of the trees. The starch, which until now has been used as a food for the growing buds and which has been stored in the spherical or cubical cells of the parenchyma, slowly changes into fat. This fatty stage, which is completed in December, lasts to the end of February. Then the fat is reconverted into carbohydrates and, as sugar, it enters the growing buds and roots.

The reason that the plant enters into this rest period is found in the low temperature and the dryness of the soil. Trees require, in order to grow, a certain degree of heat as well as water. If the heat is lacking, although sufficient water may be present, growth cannot occur. When the soil water is below a certain temperature it is as good as non-existent for

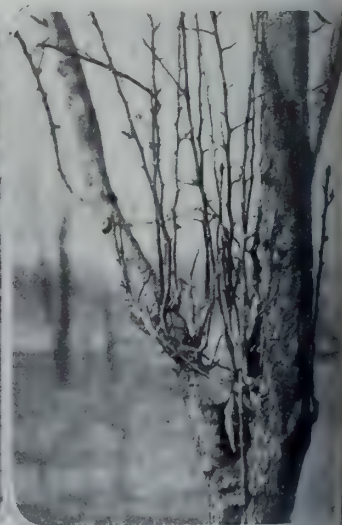
the plant. Under these conditions foliage becomes useless; it gives water which cannot be replaced for the roots. Therefore it is discarded.

The correct time for planting transplanting a tree is during a period of rest, either after the leaves have fallen or just before they begin to rise in the spring. Before planting, the soil should be loosened to a depth of at least two feet, that the best soil lies in the center. This preliminary work should be accomplished in the early fall when the trees are to be set out in the spring. The loosened soil is then again upon by frost, moisture, etc. which help to make it more fertile. Then, too, a chemical action takes place in the ground; soil salts are formed, and the soil becomes warmer.

The selection of the fruit tree should be influenced by the available (Continued on page 166)



Root suckers are unproductive and should be removed. They rob the tree of sap and, if allowed to remain, will seriously affect its fruit yield



Water sprouts indicate something wrong with the soil. They should always be pruned off, except when one is needed for development into a regular branch



Lawler's Sir Watkin

Naturalizing!

—glorify
your grounds with a
page from nature's
book

WHO HASN'T OBSERVED the lavish, carefree way in which nature distributes her choice collection of eye-arresting colors? No formal garden ever rivaled her handicraft in the meadow. Take a page from her book. Take a spade and a basket of Lawler's American-grown Narcissus Bulbs. Plant them with the abandon of nature—it's called naturalizing. A few thousand scattered over an estate adds more than gold to its general attractiveness—to its springtime life. They also greatly enhance the beauty of the small garden and the well-groomed lawn.

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Our varieties are recommended: Lawler's Victoria—large, creamy-white petals with broad, beautifully flanged yellow trumpet, \$1.00 per dozen, \$7.50 per hundred, \$65.00 per thousand. Lawler's Sir Watkin—pale yellow petals, four inches across and a bright yellow cup, frequently tinged near the mouth with orange, \$1.00 per dozen, \$7.50 per hundred, \$65.00 per thousand. Lawler's Conspicuous—refined, soft, yellow petals with a wide-mouthed yellow cup rimmed with orange-scarlet, 75¢ per dozen, \$6.00 per hundred, \$45.00 per thousand. Lawler's Recurvus—small white flower with brilliant red eye, 50¢ per dozen, \$4.00 per hundred, \$30.00 per thousand. Parcel Post or Express additional—add 20% for transportation.

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The George Lawler Gardens, at Gardenville, Tacoma, Washington, are a Pacific Northwest show place. The August Garden Magazine paid Lawler's American-grown bulbs a beautiful editorial tribute. Orders are being accepted now for late summer shipment—for September planting. Bulbs are dug and cured only for orders actually on file. If you would obtain Lawler's American-grown, superior quality bulbs, send in your order at once. Volume of business that will be accepted is limited. Delay in ordering means disappointment. No order under \$2.50 accepted. Orders handled in the order received. Address George Lawler, Gardenville, Tacoma, Washington. His catalog, featuring more than a hundred varieties of American-grown bulbs, on request.

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12 bulbs each of 5 named varieties (60) \$3.50
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All shipped postpaid on receipt of price. Full cultural instructions with every order.

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"Duckham for Delphiniums"

is now the "tip" being passed along the line from Maine to California among those famous, yet fastidious, amateur and professional gardeners, who, through their knowledge of rare beauty and excellence in plant life, will admit to their glorious gardens only the best the world can offer them.

And so, for three successive years, these and other "Flower Connoisseurs" have cleaned me out of all saleable stock of my, now famous, **Inimitable Hybrid Delphiniums**, although I had each time provided, double the stock of the preceding year, to meet the anticipated demand.

These wonderful Larkspurs have been medal and prize-winners wherever exhibited. In the garden, their towering columns of dignified loveliness, varying from delicate shades of pink, mauve and lavender to the rich gentian and deepest indigo blue, (single and double-flowered) literally usurp the entire magnificence of a mid-summer flower border, returning again to greet the first frost.

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Cyclone Fence

The Mark of
Quality Fence
and Service

WIRE AND IRON

Cyclone
IMPERIAL
Fence

PROPERTY PROTECTION PAYS



The hole in which the tree is set must be amply large to accommodate all the roots without crowding. The graft scar should not be buried

FRUIT TREE CARE THE YEAR AROUND

(Continued from page 164)

soil constituents, its physical properties, and the climate. That which grows successfully in the Northeast and in the East does not necessarily thrive in the West. A certain type of fruit doing well in one location does not always produce a high quality in another.

The distance that the various trees are to be spaced depends upon the type selected. In general, a distance 30 feet is considered correct for apple, pear and sweet Cherry. For Plums, Apricots, Peaches and sour Cherry a distance of 15 feet will be sufficient. The distance must be varied according to the size of crown to be developed by the individual forms.

Fall planting is

best in localities where the soil is light and sandy. Where these conditions are present, spring planting is advisable, for this type of soil dries out easily. November is the most favorable time for fall planting.

Never add fresh manure to the hole in which the tree is to be placed, even an old, decayed type is unnecessary. It is quite sufficient to plant the tree in a good type of soil.

The tree is set in place, some water is added, and then water is poured in. This is followed by more soil, water again, and finally dry soil is added to the top. The water is allowed to settle in during the early stages in order to settle the soil in around the roots. Trees with a knobby tip is characteristic.



One of the types of fruit spur found on Apple trees. Its knobby tip is characteristic.



Cherries produce clusters of flower buds. These should be carefully preserved when pruning

Two kinds of Apple fruit spur. An abundance of the lower, ringed type indicates that the tree bears well

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Exhibited by invitation at the Annual Exhibition of Decorative Arts recently held at the Chicago Art Institute. The "Water Sprite" is 8 1/4 inches high. The bowl is 11 inches long, 8 1/4 inches wide and 3 inches high.

The Figure is but \$5.00; the Bowl, \$7.00 to \$10.00, according to color and glaze.

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Pittsburgh Perfect Super-Zinc'd Ornamental Fences give full measure of privacy and protection, and their distinctive design adds to the beauty of any lawn. The heavy, closely spaced wires, Super-Zinc'd against rust, produce fences of great strength and durability.

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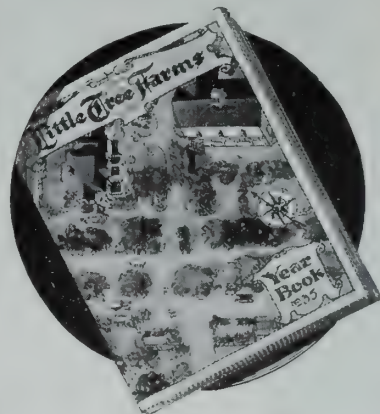
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- 1 White Spruce 2 1/2 to 3 feet
- 1 Douglas Fir 2 to 2 1/2 feet
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The Bay State Nurseries
W. H. WYMAN & SON, Proprietors
North Abington,
Mass.

FRUIT TREE CARE THE YEAR AROUND

(Continued from page 166)

crowns should be anchored by wires to three stakes when they are planted. When the frost is out in the spring the wires are removed.

Although manure should never be placed in the soil with the roots, a straw type can be used to advantage to cover the surface above the roots. It will keep the soil from drying out too much, and also minimize the heaving effect of alternate freezing and thawing during the winter.

The roots must be pruned when a tree is transplanted, for some are sure to be injured in the moving. These should be taken off. The twigs also are reduced to about one-half their length. This will help restore the normal balance between root and branch activity and make for a quick return to natural sap circulation.

PLANT IN FRESH SOIL

Never plant a tree where one has been before, for the older tree will have exhausted the soil. In planting, the roots should be carefully spread so that they extend in all directions, while some of them should parallel the surface at a depth of a few inches. These will find a large percentage of moisture and soil chemicals, and provide the greater part of the food taken up by the tree. Other roots go diagonally, while others go straight down. These help to anchor the tree.

The tree, when planted, should not be higher or lower in the soil than it was in the nursery. Where the white of the root neck and the green of the trunk unite is the correct depth. Root neck and grafting wound are never to be placed below the surface; if they are, cancer will develop and the crown be weakened. In the case of grafted trees, too deep planting results in the formation of new roots, those of the stock gradually die off, and in time the tree becomes independent of its stock. This renders it infertile.

On the other hand, when the tree is planted too high, many suckers or root shoots are developed. Every one of these must be carefully removed, as they are absolutely worthless and only steal the food supply from the crown.

Never prune a young tree unnecessarily. It should develop a large number of leaves in the spring, which in turn causes many new roots to be formed. Should the young tree produce flowers in the spring they should be pinched off, that production of fruit may not weaken the tree during its first year in the new site.

The young fruit tree will produce a number of shoots during the first summer, but all are to be pruned off unless they belong to the crown. The center of the crown should be kept open and free, but no branch of it should be prevented from developing strong and robust shoots so long as they are in the correct position and do not return into the crown. During the second spring the branches are pruned back to four eyes, care being taken that the cuts are below the eye and point downward.

Larger fruit trees must be thoroughly pruned from time to time to lighten the crown so that more air and light may enter, and to remove those branches which give the whole

tree a peculiar appearance. Bushy small trees with short trunks are pruned during the winter. Here leaf buds are removed with the exception of two resting buds, and main branches are shortened to about half their length. The head or terminal branch is removed in its entirety. All twigs carrying flower buds must be left.

Correct pruning calls for absolute knowledge of the various types of buds, for each fruit tree has different kinds of branches; the first produce the leaves, the second for the fruit. The former are slender and carry long, pointed buds which when they open, produce other buds. This practically always occurs on terminal buds, for the sap pressure is here felt to its greatest extent. Where this pressure is lessened (as in the case of lateral buds), the buds are found at a lower level) they will, in the course of two years, be changed to flower buds. The terminal buds are those which produce elongated or upward growth. The side buds are lateral or secondary.

Flower buds are easily identified because they are thick and round. They are generally found on the fruit shoots which contain, besides them, a few leaf buds which favor woody growth.

BUDS AND SPURS

Apple and pear trees contain three types of flower buds and spurs, easily distinguished by their form. The first is a narrow, slender shoot, its length varying from 4 to 12 inches, found on any part of the tree. It is similar to a woody twig but differs in that one or two round fruit buds are situated at its extremity. This type may go over into the two remaining forms.

The second fruit spur is usually much shorter than the former and possesses a smooth bark. In length it varies between 2 and 10 inches and is quite straight and carries a conical shaped bud at its tip. This later becomes spherical and forms a flower bud. These two types of twigs are the most common fruit carrying spurs met in Apples and Pears.

The third type of spur is seldom longer than 2 inches. Its form is very characteristic, since its bark is wrinkled into distinct and close rings. The growth of this twig is exceptionally slow. Its tip produces flower and fruit buds. Trees forming large numbers of it are usually heavy bearers. The twigs should never be pruned.

Stone fruits have one more characteristic fruit spur, a short, thick, massive one which is not so well developed in the Peach. This is thickly spattered with flowering buds, the tip being provided with a flower bud.

The end buds of a stone fruit tree always produce leaves. The flower buds are developed singly on the sides, the exception being the case of the cherry flower buds as mentioned.

The reaction of Apple and Pear to the pruning knife is entirely different from that of the stone fruits. The latter seldom produce new shoots from old twigs, and develop fruit only on one-year-old and mature

(Continued on page 170)



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BOX 103

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Plant "Bearing Age" Fruit Trees and Berry Plants for Quick Results!

Raspberries—Yellow, Red and Black — New varieties that a few words cannot attempt to describe.

Currants—on charming little trees—an ornamental novelty that will yield heaps of clean, delicious red fruit.

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Beautifully illustrated in colors is now ready for gratuitous distribution. Write for it.

This catalogue offers a selection of fruit trees and berry bushes proven to be the most satisfactory because of their hardiness against climatic changes, prolific yielding, delightful quality of fruit and early bearing.

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In any community there are certain homes you pause to admire. The beautiful picture created by a setting of flowers and foliage, even more than the material construction and architectural plan of the house, leaves a lingering memory of charm.

Attractive planting costs but little and, while it beautifies the home, it also materially increases the value of the property. In our 1925 Catalogue we describe a variety of trees, shrubs, flowers and evergreens to fill every requirement, from a backyard garden to a country estate. Our stock is grown at Glenwood Nursery, Rochester, New York, where climatic conditions develop the hardiest strains that result in sturdy growth. Our expert landscape architects will gladly assist you in solving your planting problems.

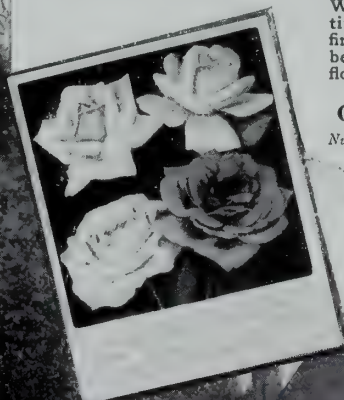
Write for this free Catalogue ("C") beautifully illustrated in colors. In it you will find all kinds of nut and shade trees, fruits, berries, evergreens, roses, perennials and flowering shrubs.

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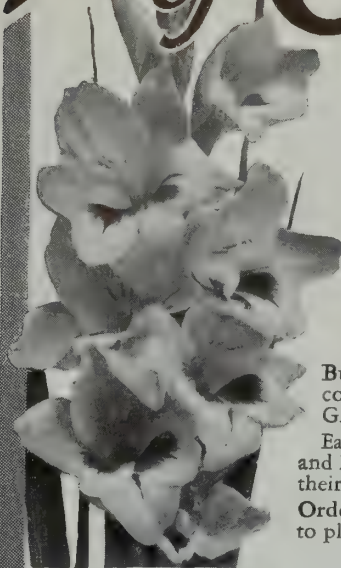
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Our 1925 Spring Seed Annual sent on request

Stumpp & Walter Co

30-32 Barclay St.,

H.

New York City

FRUIT TREE CARE THE YEAR AROUND

(Continued from page 168)

branches. Apples and Pears readily produce new shoots on older pruned branches, and usually bear fruit on more mature and thicker limbs. Few species develop fruit on year-old shoots.

In pruning fruit trees other than the stone sorts, the terminal twigs should be shortened about 1-3, one year's growth being taken as a basis. This forces the buds below the cut to grow. The flower spurs developed by this method are also shortened so that flower buds are formed. All superfluous leaf and woody growth of the last year is pruned back so that only short ends remain. This will stimulate the formation and development of the resting fruit buds. All twigs and branches with exhausted fruit spurs must be rejuvenated.

Pit fruits should not be cut too often. It stimulates resin flow and formation as well as forcing the growth of wood and woody tissues so that fruit buds are hardly, if ever, brought to maturity. The young stone fruit tree should be pruned only lightly during its first three years of growth, and then only the main branches are to be somewhat shortened. Older trees are pruned to lighten the crown, for the interlacing of branches within the crown must be avoided.

When older trees are pruned, the natural formation of their crowns

must be preserved. The Apple is naturally wide crown and is broadly pyramidal in shape. The Pear, on the other hand, has a crown which is long, slender cone. Pit fruit trees are more spherical in habit. All shapes must be preserved in pruning.

All water shoots or suckers must be removed when older trees are pruned. These always indicate some particular thing is wrong in the soil. It may lack sufficient salts, or lime, etc. These water shoots are left standing only when it is desired to employ one or the other for the development of branches and limbs. Otherwise they should be removed, for their tissue is soft and spongy and seldom matures sufficiently to be of any real value. When pruning, always remove branches within the crown which cross each other or interlace and make the crown too dense. Little should be found within the crown, so that plenty of light and air may enter.

Small wounds, produced by pruning and lightening the tree, can be left without attention when the injury is made while the tree is resting. The larger wounds are covered with tree wax or shellac dissolved in alcohol. When the tree is completely pruned the fruit spurs can develop most luxuriantly and without interference from other neighboring trees.

SOME GARDENS FROM SPAIN

(Continued from page 89)

what and how to do in autumn and winter in order to enjoy more the flowers and the trees and the garden and the landscape. And he grows to enjoy the telling and does it ably and cheerfully, eloquently and enthusiastically, with no small literary excellence. At times his enthusiasm leads to what might be called exuberance, if not extravagance. For example, after declaring that "no flower is more beautiful in form and color and in the prodigal luxuriance of its bloom than the Cosmos" and on the following page that "next to the Cosmos in beauty are the Hardy Asters", he says, a few pages further on, "the Chrysanthemum is possibly the loveliest of all flowers" and two pages further on he states that "the Fringed Gentian is the loveliest flower that grows."

But all subjects of a practical character are treated in a common sense and thoroughgoing manner and most valuable service is rendered by putting together all the things that ought to be done in the fall and the winter. In a beautifully written later chapter he "reverts to the wild" and takes as his text "We are beginning to learn that our native plants grow better in our landscape than any others and we are fortunate in having a country rich in deciduous flowering shrubs and trees."

But again comes a chapter, full of wisdom, on Work in the Trees and pruning all kinds of trees, shrubs and vines. His theory about the object of pruning is novel, quite novel, and it is that the object of pruning is to increase leaf surface, which is done by lopping off the branches and by thinning them out. His theory about the spirit of the landscape, though, seems to be rational. It is an ecological considerations, with a delicate balance into which the human and personal elements enter, like Nature more beautiful.

For the regulation index is substituted a descriptive list of Useful Trees, Shrubs and Plants, part of which have been rewritten from the Check Lists of Plants in the April Arboretum Bulletins, a work in which Mr. Lay shared. There are some suggestions that to some persons it might seem ought not to occur in a modern list, such as the *Lennea*, *Philadelphus Virginianus*, and *Rubinia hispida*, while the *Osage* would better not have been classified as a recommendable small tree on account of its being terribly subject to fire. But it is a delightful book and well its place of the only book on gardening in autumn and winter.

F. B.

*Enter cage entirely
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Good Cheer In the Breakfast Room

Bright color touches add charm to the home. This new cage in permanent green, amber, orange, black and white will add a cheery spot of color to your breakfast room, sun parlor or living room that suggests springtime skies and flowers. May we send you a folder in colors?

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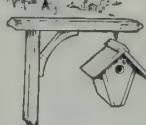
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Rose lovers everywhere plant Dingee rose bushes. They are strong and sturdy—pot grown—on their own roots. Plant them any time, anywhere. Beautiful new varieties and all the old favorites. Safe delivery guaranteed anywhere in U. S.

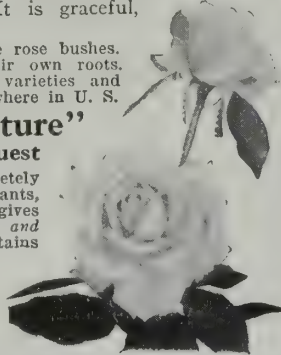
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For 1925

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1 gallon can\$ 3.00
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For the Gardener.

SCRAP-BOOK

WHAT'S IN A PLANT NAME

FOR purposes of positive designation the scientific (usually Latin) names of plants offer by far the most reliable system of nomenclature. They are fixed and for the most part universal, whereas the common English names frequently vary in different parts of the country.

The Latin name ordinarily consists of two or more words. The first designates the family (Iris, Rosa, Viola, etc.) while those following indicate the species or variety, usually by set-

ting forth some marked physical or geographic characteristic. A system might be compared to the arrangement of names in a telephone directory: "Smith, Horatio, Dealer", for example.

Many of these second and names recur rather frequently in connection with different classes of plants. It is interesting to know some of their derivations and meanings indicated by the following condium.

Abyssinicus: abyssinian
Acaulis: without stem
Acerbus: sharp or harsh
Aceroides: like a maple
Acuminatus: tapering or long-pointed
Acutifolius: sharp-leaved
Aestivalis: summer
Afinis: related to
Africanus: African
Ageratoides: like Ageratum
Aizoides: like Aizon, an evergreen plant
Alatus: winged
Alba, albus: white
Albidus: white
Alpestris: alpine
Altaius: from the Altai Mts., in southern Siberia

Altissimus: very tall
Altus: tall
Amabilis: lovely
Amarus: bitter
Ambiguus: doubtful
Amoenus: charming
Amurensis: from the Amur River, in eastern Siberia
Anglicus: English
Angustus: narrow
Annuus: living only one year
Apenninus: from the Apennine Mountains
Arachnoides: spider-like
Arborescens: becoming tree-like
Arboreus: tree-like
Arcticus: arctic
Arenarius: of sandy places



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handsomely illustrated tells you everything you want to know about the successful growing of this lovely "Blue Queen of the Hardy Garden," and describes in detail my

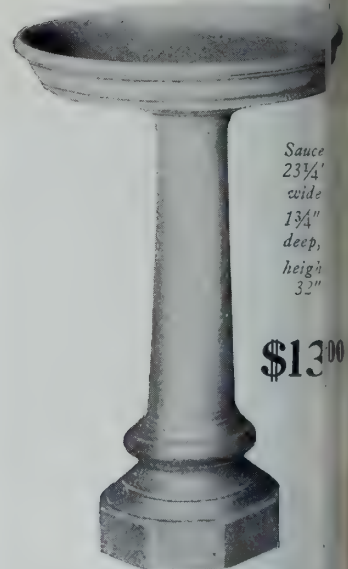
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SAGAMORE

BADETTY BROTHERS

Huntington, N. Y.

For the Gardener.

SCRAP-BOOK

WHAT'S IN A PLANT NAME

Divaricatus: spreading, widely divergent

Elatior: taller

Elatus: tall

Ericoides: like heath

Excelsus: tall

Eximius: distinguished

Exoticus: from another country

Farinaceus: like flower; containing starch

Filamentosus: bearing or composed of threads

Filifera: bearing filaments or threads

Flabellatus: with fan-like parts

Flagellatus: whip-like

Flavescens: becoming yellow

Flavus: yellow

Florepleno: with full or double flowers

Floribundus: free-flowering

Floridus: full of flowers, flowering

Foliatus: with leaves

Formosus: beautiful

Fragrans: fragrant

Fulgens: shining, glistening

Fluvus: yellow, tawny

Gallicus: of Gaul or France

Gandavensis: belonging to Ghent, Belgium

Germanicus: German

Glaucus: grayish, with a bloom

Globosus: spherical, nearly glob

Glomeratus: clustered

Gracilis: slender, graceful

Grandiflorus: large-flowered

Grandifolius: large-leaved

Grandis: large

Helveticus: of Helvetia, Swiss

Herbaceous: dying to the ground, not woody

Himalaicus: Himalayan

Hirsutus: hairy

Hispanicus: Spanish

Horizontalis: horizontal

Hortensis: belonging to the garden

Humilis: low-growing

Hyacinthus: becoming yellow

Hybridus: hybrid, mongrel

Ibericus: of Iberia (Spanish peninsula)

Ilicifolius: holly-leaved

Italicus: Italian

Japonicus: of Japan

Kercensis: belonging to Kew (land)

Lacetus: milk-white

Laevigatus: smooth

Lanuginosus: woolly, downy

Latifolius: broad-leaved

Longiflorus: long-flowered

Longifolius: long-leaved

Lutescens: becoming yellow

Luteus: yellow

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This Wire Loop Encircles the plant

Holds plant in air and sun. Enables cultivation close to roots. Gives more symmetrical plants. Increases growth and fruitfulness. Can be used throughout the season successively on different plants or shrubs. Lasts for years.

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6 feet.....	3.00 per doz.
For potted plants—stake 1/4 inch square. Diameter of loop 4 1/4 inches.	
18 inch.....	\$.85 per doz.
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This is the way you adjust it

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Waterlilies for the Beginner

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The Marliacea Collection \$3

Three Plants, one of each kind

Chromatella, bright yellow; floats on the water like a golden cup.
Carnea. Light, pearly pink blooms.
Albida. Snowy white petals that glisten.

The beauty of these varieties and ease of culture will surprise and delight you. Waterlilies are fascinating in both color and fragrance.

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Special Bulletin of Chainlink Designs

The Stewart Iron Works Co.,

422 Stewart Block Cincinnati, Ohio

"The World's Greatest Iron Fence Builders"

For the Gardener's SCRAP-BOOK

WHAT'S IN A PLANT NAME?

Anthus: large-flowered
Alatus: spotted
Alis: of May
Alor: larger
Alimus: of the sea
Alagris: spotted
Alrophyllus: small-leaved
Alimus: smallest
Alabilis: wonderful
Alis: soft
Alatus: pertaining to mountains
Alis: pertaining to snow
Alboracensis: of New York
Alentalis: western
Alatus: fragrant
Alinalis: medicinal
Alentalis: eastern, oriental
Alatus: adorned, ornate
Alidus: pale
Alastris: marsh-loving
Alcalulus: panicked
Alans: spreading
Alennis: living three or more years
Alapicus: clear, transparent
Alatus: with leaflets on the sides of
main leaf axis
Alapris: princely, first
Alumbens: lying on the ground
Alustralis: lying flat
Alifolius: plum-leaved
Alid: not genuine, not typical
Alucens: downy

Pumilus: dwarf
Punctatus: dotted
Quinquefolius: five-leaved
Racemosus: flowers in racemes
Radicans: rooting
Repens: creeping
Reticulatus: netted, net-veined
Rotundifolius: round-leaved
Rugosus: wrinkled
Rupestris: rock-loving
Sanguineus: blood-red
Semperflorens: ever-flowering
Sessilis: without stalk
Sylvaticus: pertaining to the woods
Silvestris: pertaining to the woods
Sinensis: Chinese
Speciosus: showy
Spectabilis: spectacular, remarkable
Stellatus: starry
Striatus: striped
Suffruticosus: slightly shrubby
Tataricus: of Tartary
Tenuifolius: slender-flowered
Tinctorius: belonging to dyers
Vegetus: vigorous
Vernalis: of the spring
Versicolor: variously colored
Verticillatus: arranged in a circle
around the stem
Verginalis: virgin
Verginicus: of Virginia
Vulgaris: common

FLOWER-GRASS VEGETABLE SEEDS

YOUR 1925 Garden will be an assured success if you plant Waterer's Seeds, selected from the finest stocks in Europe and America. They have produced results for over thirty years.

TWO BIG SPECIAL OFFERINGS SEND TODAY FOR
FREE CATALOGUE

**\$1.00 COLLECTION
FLOWER SEEDS**

1 package each of Alyssum, Aster, Golden Wave, Giant Cosmos, California Poppy, Strawflower, Larkspur, Mignonette, Dwarf Nasturtium, Shirley Poppy, Giant Zinnia, Scabiosa, Mixed Balsam. Very Choice Stocks—Value \$1.50.

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If you write now for our 1925 Catalogue, we will send the famous HENDERSON Collection of seeds—one packet each of **Single Giant Large Flowering Mixed Petunias, Large Early Flowering Mixed Cosmos, New Giant Large Flowering Mixed Zinnias, Henderson's Invincible Asters, Brilliant Mixture Poppies, Giant Waved Spencer Sweet Peas.**

HOW TO GET THEM

Simply state where you saw this advertisement, enclose ten cents for mailing the Catalogue, "Everything for the Garden," and the seeds will be sent without extra charge.

EMPTY ENVELOPE COUNTS FOR CASH

These tested seeds come in a coupon envelope which, emptied and returned, will be accepted as a 25-cent cash payment on any order amounting to \$1.00 or more. Don't delay; write at once.

1925 Catalogue Now Ready

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Luxuriant lawns and gardens are easily obtained!

Plants thrive when they are fed at the proper time with proper food, even as you and I.

**NATURAL GUANO
Sheep Manure 100% Pure**

Contains all the natural, vital elements of a complete fertilizing agent, including nitrogen, phosphoric acid, potash, and—HUMUS!

Unadulterated with garbage, tankage, straw or any other dead material.

Distributed in neat containers, 5-lb., 10-lb., 25-lb., 50-lb., 100-lb.

If your dealer does not handle NATURAL GUANO write us direct. Ask for free leaflet, "How To Make Beautiful Lawns and Gardens."

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PULVERIZED
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NATURE'S OWN PLANT FOOD

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Here Is The Greatest Garden Tool!

THE GILSON DUBL-DUTI

It cuts the work in half by making every stroke count. The double-edged rocker blade cuts the weeds, pulverizes the soil while the sides act as guards showing exactly how close you may go to the plants. In order to more widely introduce the Gilson Dubl-Duti we make the following—

Special Introductory Offer

We will send one 6 inch blade Gilson Dubl-Duti without handle, also one 5 point hand scratch weeder, a generous retail value of \$1.30 postpaid for \$1.00. You need not send any money unless you desire. We can send C.O.D. Pay the mail man \$1.00 plus the small C.O.D. fee and get acquainted with the greatest labor-saving garden tool. Sent without handle which secured locally at small cost completes the tool.

Instructive booklet gladly mailed free. Contains many helpful hints on cultivation. Fully describes and illustrates the complete line of Gilson garden tools. Please write for it today.

J. E. GILSON CO.
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Jumbo Strawberry

**Wonderful new variety
—bears until very late**

Jumbo Strawberry yields great crops of very large fine-flavored fruit after other varieties are gone. Shipments have sold at \$1.00 a quart wholesale in New York. Perfect. Trial Offer 10 Plants, \$1.00; 25 Plants, \$2.00; 100 Plants, \$6.00; 1,000 Plants, \$50.00.

Redpath Red Raspberry

Beautiful brilliant red (not purple). Fruits in Fall of first year. From 1/2 acre of Plants set in April, we picked 300 qts. the following Fall. Second season, the Redpath bears heavily in mid-summer. Firm and a good shipper. Absolutely hardy. Trial Offer 5 Plants, \$1.00; 25 Plants, \$3.50; 100 Plants, \$12.00; 1,000 Plants, \$100.00.

CATALOG FREE. Pictures and describes Strawberries, Raspberries and material for every planting need.

L. J. FARMER Box 250 Pulaski, N. Y.

Redpath Raspberry

The New STAYTITE Handle
Identifies P. Q. Lawn Mowers

The Mark of a Good Mower

Wherever you see a STAYTITE Handle you may be sure it is a PENNSYLVANIA Quality Lawn Mower—the mower that lasts longest and needs no repairs or sharpening.

At Hardware and Seed Stores

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**PENNSYLVANIA
QUALITY
LAWN MOWERS**



DODGE BROTHERS COACH

Dodge Brothers Coach measures up in every detail to the high standards of its builders.

Low, graceful and sturdy, it looks and performs the part of a true aristocrat.

The interior is roomy, comfortable and inviting.

The lacquer finish is exceedingly attractive in Dodge Brothers blue with body stripe of cartouche yellow.

The chassis is the same on which Dodge Brothers have concentrated all their experience and resources for a decade. Comfortable riding qualities and dependable performance are therefore obvious attributes.

The price is \$1095 f. o. b. Detroit

DODGE BROTHERS DETROIT
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WALKERVILLE, ONTARIO



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HOUSE & GARDEN



H. GEO. BRANDT

Interior Decoration Number

Vol. 1925

The CONDE NAST PUBLICATIONS, INC.

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The builders of the
Lincoln have gone
far beyond current
practice to make
it the finest car
available today.

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BISHOPRIC STUCCO OVER BISHOPRIC BASE

The Ideal Interior and Exterior Wall Construction

A HOME built of Bishopric Stucco will give you the greatest possible return in comfort and satisfaction.

A Bishopric Stucco Home costs less than any other type—is warmer in winter and cooler in summer, and it is always beautiful, for the hand of time serves but to enrich its charm.

Look about you in every direction, every locality, and you will see more houses being built of Stucco than any other construction. Stucco is the ideal type for a bungalow or a mansion.

If you contemplate building a new house, remodeling an old one, or only making minor alteration, it will pay you handsomely to investigate the merits of Bishopric.

AN INTERESTING BOOKLET, "Bishopric For All Time and Clime," illustrated with photographs of beautiful houses built with Bishopric Stucco, plaster and sheathing units will be mailed you Free.

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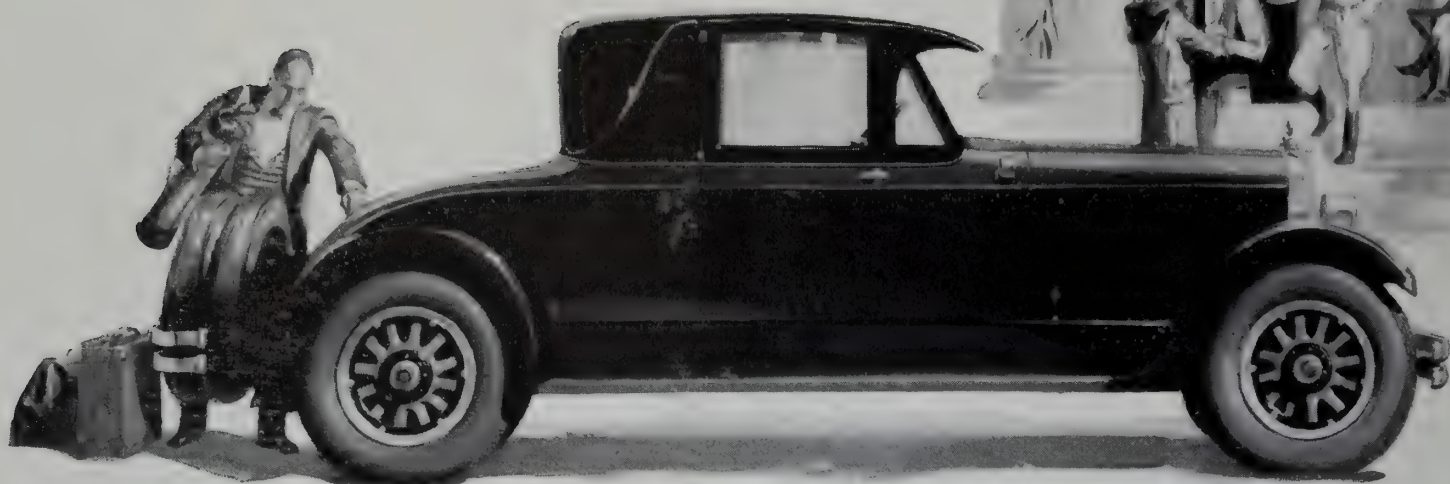
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THE NEW MARMON

Coupe De Luxe

on the standard Marmon
130-inch wheelbase chassis



NEW MARMON *De Luxe* MODELS

THE reception given the NEW MARMON De Luxe Models in exclusive circles more than confirms our belief that no finer cars are available in America today, regardless of price.

The body lines are new, but the famous six-cylinder Marmon chassis is the same mechanism on which Marmon has concentrated for so many years.

Among the many models you will find just the particular and distinct type for your particular and personal needs—a coupe that will be the talk of the country club or the polo field, five and seven passenger sedans and five and seven passenger enclosed drive limousines of stately beauty.

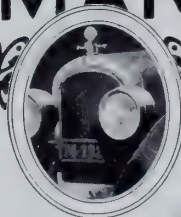
"It's a Great Automobile"



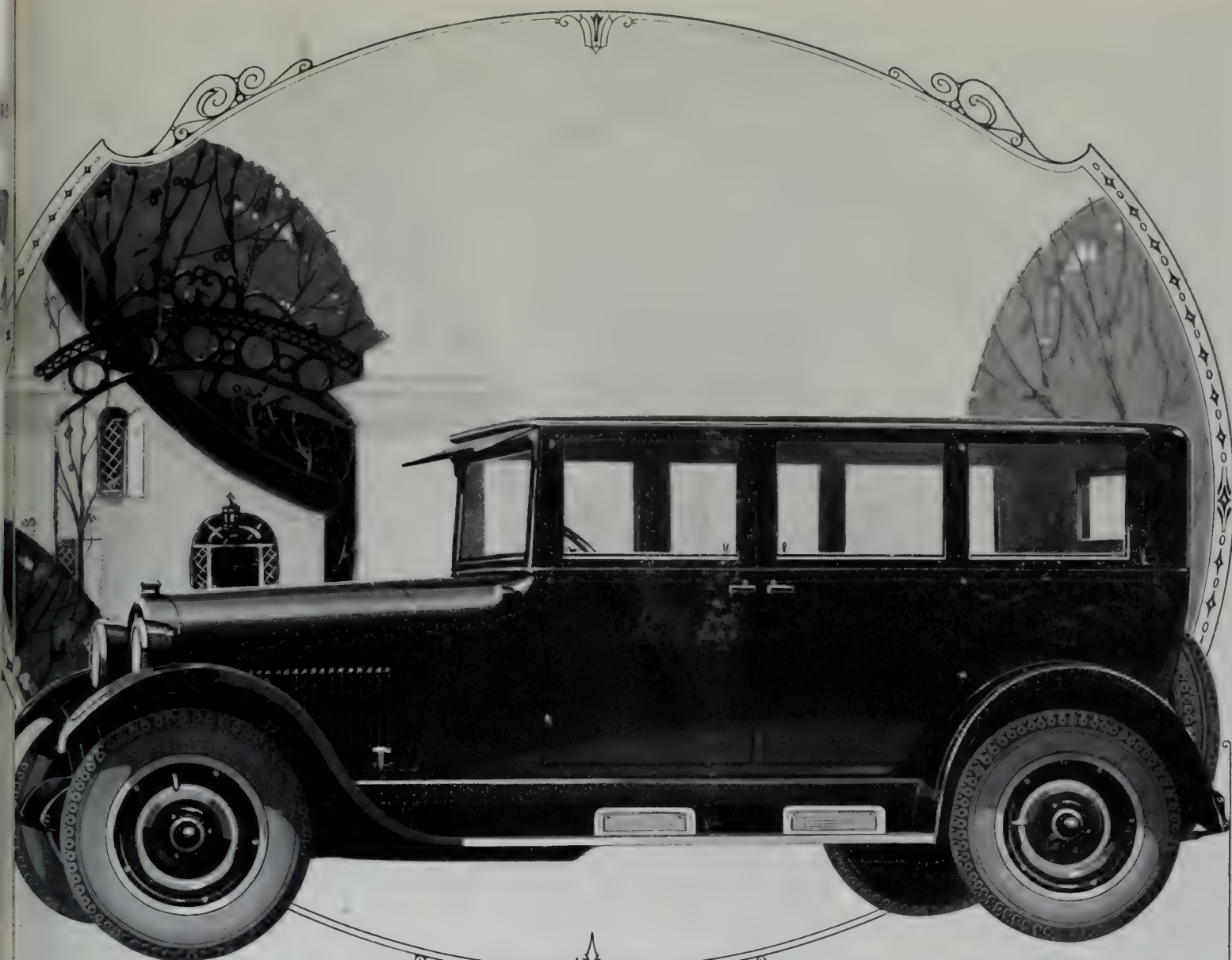
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Cars may be purchased on convenient deferred payment plan if desired

The NEW MARMON



M Also—the same Marmon chassis and engine with the New Marmon Standard Five-Door Closed Cars at practically the price of the open car. Various models from which to choose.



\$1595

AT LANSING, PLUS TAX

20th Anniversary Reo Sedan

Combining full-size, four-door sedan convenience with the standard Reo T-6 chassis at the price of an open car

Standard Reo Chassis—120 inch wheelbase—same as in all other Reo passenger car models. Genuine balloon tires. Four wide doors. Full size sedan spaciousness. Finely upholstered. Low-hung body, smartly designed and richly finished. Double-frame construction. Six-cylinder 50 h. p. engine. A Reo entirety, produced to commemorate Reo's twenty years of business life.

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REO

The Gold Standard of Values



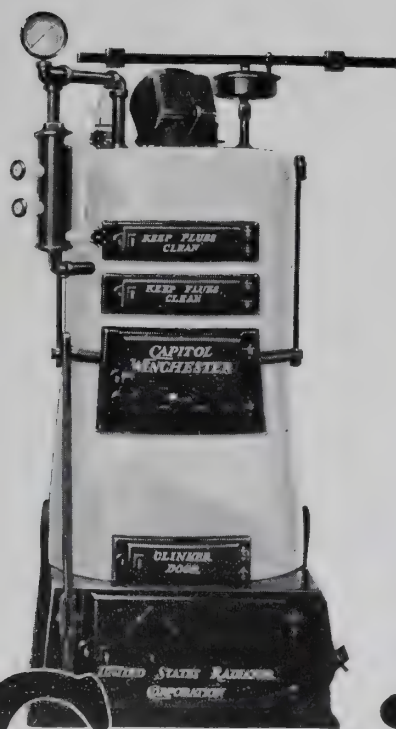
A house becomes a real home when there is an absolutely dependable source of heat in the basement.

That's what you can expect from Capitol Boilers and United States Radiators—dependability under any and all weather conditions.

For more than thirty-five years United States installations have kept the faith. They will not fail you now.

This is a good thing to know when you are in the market for a heating system. A heating contractor will confirm it.

We shall be glad to send you an illustrated booklet which fully explains the modern idea in house heating.



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INDIANA LIMESTONE

The NATION'S BUILDING STONE

Interesting Facts About INDIANA LIMESTONE

Number Three

At least two-thirds of the building stone of the nation is obtained from the Indiana Limestone district each year. 30,000 carloads of stone annually are sent across the continent to be used in erecting schools, colleges, churches, office buildings, State Capitols, hotels, memorial buildings, homes. This is equivalent to 12,000,000 cubic feet of stone, or 2,400,000,000 pounds.

" and they came upon a small house set back from the road amid the protection of great trees and the gay companionship of flowers—a small house reflecting character and dignity together with a certain gentle friendliness—beautiful and strongly built, **with walls of natural stone** which vines would, in time, love to climb and which the passing years would not destroy but only make more mellow "

Build your home of Indiana Limestone and it will be beautiful with the subdued color-tones and strong with the strength that only **natural stone** can have.

No other building material has the same loveliness of coloring and texture, and the same extreme durability. Its cost is only slightly in excess of that of less durable materials.

Our Portfolio of small house designs, conceded to be one of the finest collections of its kind to be issued by any building material producers, will be sent upon receipt of 50c. Address Indiana Limestone Quarrymen's Association, Box 782, Bedford, Indiana

In the house illustrated, rock-faced Indiana Limestone was used, laid up as a random ashlar over a backing of hollow tile. The cost of the stone set in the wall was \$3,000.



Parfums Caron

10 rue de la Paix Paris



LE NARCISSE NOIR
(Black Narcissus)

NUIT de NOEL
(Christmas Eve)

L'INFINI
(The Infinite)

CARON CORP., 389 FIFTH AVE., NEW YORK



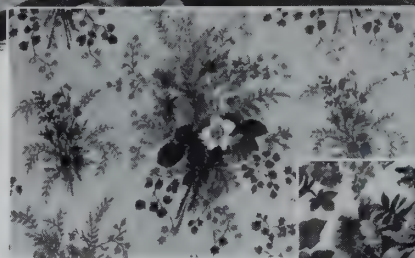
CRETONNES AND CHINTZES FOR SPRING

BRING the largest problem in house decoration to Macy's Sixth Floor Upholstery Department, or bring a very small perplexity.

Two delightful things will happen. You will have the prompt and enthusiastic attention of Macy's staff of interior decorators, who have been trained in establishments of outstanding excellence, before Macy's opened this department.

And you will have the advantage of paying Macy's lowest prices for the cretonnes, chintzes or any other fabrics you may select.

Whether you have a big house to furnish or refurnish, a small cottage, a hotel, a bank, a school, or a country club, you will profit from both the excellence and the economy of *this* service.



Detail of cretonne for dainty bedroom treatment in town or country house. Clusters of feathery ferns, maidenhair, blue bells and moss roses on a background of green, yellow or cream. 89c a yard. 36 inches wide.



The curtains in the pleasant corner illustrated above are natural colored shiki silk. \$1.74 a yard. The henna colored fringe complements the treatment. 34c a yard. The chair slip cover has a parchment ground, with blossoms in red. (Detail shown above.) \$1.88 a yard. 36 inches wide.



Toile de Jouet designed by Huet. For slip covers in the town house or bedroom curtains in the country home. Blue, rouge, mauve, or tan on light ground. 89c a yard. 31 inches wide.

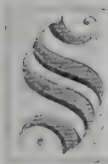


Old English print chintz. Effectively used for curtains and slip covers in country houses. Yellow, blue, or early American maple color ground, with gay little flowers and birds. 94c a yard. 36 inches wide.

R. H. Macy & Co.
34th ST. & BROADWAY Inc NEW YORK CITY



*Pencil drawing from actual
installation of Stedman Flooring*



TEDMAN Reinforced Rubber Flooring has all the life, warmth and soft colorings that make it a floor of character—a floor worthy to be the foundation upon which rests your whole scheme of decoration.

The designs in plain colors, veinings and mottled effects run through the entire depth of the reinforced rubber. Thus the beauty does not fade or wear off but rather improves with each year of use.

The initial cost is slightly higher than ordinary flooring, but there is no further cost.

Stedman requires no waxing or oiling, ordinary washing being the only care necessary; it does not dent, crack or wear out even after countless years of service. In fact the cost of installation is the only cost.

Interior decorators and architects specify Stedman Flooring for the better class of homes, clubs, offices, churches, schools, banks and hospitals.

We will be pleased to send you prices and tell you how Stedman Floors can be obtained for one room or many.

J. H. Stedman
NATURIZED FLOORING
PATENTED

STEDMAN PRODUCTS COMPANY

"Originators of Reinforced Rubber Flooring"

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Friendly livable groups with the assurance of authentic design

DANERSK Furniture is made for those who value authentic tradition in design, and who wish their homes to mirror the same genuineness, friendliness of spirit, and freedom from ostentation to which they themselves aspire. When considered from this point of view it is acknowledged to be the most moderately priced furniture of quality that is made today.

There are suitable pieces of Danersk Furniture for every room in the house.

For the Sun Room, there are quaint



The Litchfield secretary desk and Spanish foot fiddle-backed chair. Courtesy of House and Garden.



A Brittany chair and Boston spool table of mellow-toned maple and copper-print chintz. Courtesy of House and Garden.

Brittany chairs, of maple and copper-print chintz! Butterfly and tavern tables! A curly maple desk, with compartment devised to hold the radio—a wing couch made on the lines of a Pilgrim bench, but changed to proportions of luxurious comfort.

FOR the Dining Room, there are Plymouth cupboards with hidden trays for silver and linen; a draw-top table containing its extension leaves within itself, cozy for few, immediately ample for many, by the simplest means of pulling out the leaves. Eighteenth

Century groups of Cuban mahogany; pieces in maple and white walnut, finished in low amber tones of old wood.

And then there are mirrors—desks—wing groups and single pieces for the Living Room and Bedroom.

But why try to tell you on a single page? The way is for you to come and see, and the only places are our Chicago, New York, and Los Angeles showrooms.

The subject of the right furniture for your home is worthy of close study, time, attention and real sacrifice, if need be.



The Sulgrave highboy and side chair—burled walnut and herringbone inlays.



The accessories in these illustrations furnished by Scott L. Robertson, Inc.

Part of Sulgrave set, of beautiful burled woods and inlays.



The fine trumpet turnings and scalloped stretches of a rare old six-leg highboy were the inspiration in design for this draw-top dining table.

ERSKINE-DANFORTH CORPORATION, 383 Madison Avenue, New York

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Historic Queensware

QUEENSWARE is the name given in honor of Queen Charlotte of England to that beautiful, lustrous cream-colored ware invented by Josiah Wedgwood in 1761, after years of experimenting with the crude domestic pottery then commonly made in Staffordshire. Though widely copied and imitated for over a century and a half, real Queensware has remained to this day a distinctive and exclusive product of our Etruria Potteries.

In developing this new pattern—*California*—the Bragrance shape in Queensware was chosen owing to the beautiful embossing on each piece. The design embodies the chief fruits of California, the natural colorings harmonizing perfectly with the rich cream color of the ware itself. The decoration is under glaze, hence permanent Queensware, in this and many other charming patterns, is carried in the stores in open stock.

Our illustrated booklet "C" will be sent upon request

Mark on China



WEDGWOOD

Josiah Wedgwood & Sons, Inc.

OF AMERICA

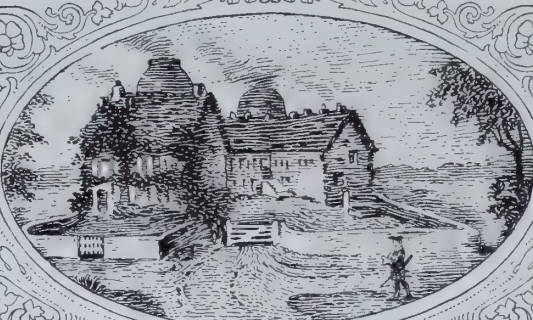
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Potteries : Etruria, Stoke-on-Trent, England

Mark on
Jasper, Basalt,
Queen's Ware, Etc.

WEDGWOOD



Ivy House Works, Burslem, 1752
Josiah Wedgwood's First Pottery

THIS IS A STUDEBAKER YEAR



The price of the new Studebaker Big Six Sedan is low, simply because of Studebaker's large production, vast physical and financial resources, and the complete manufacture of body and chassis in Studebaker plants. To pay more is extravagance. To pay less means a sacrifice of service and comfort. The price, \$2575 f. o. b. factory, includes front and rear bumper and extra tire.



The New Jersey Zinc Company

Established 1848

Products Distributed by

The New Jersey Zinc Sales Company

(INCORPORATED)

NEW YORK • CHICAGO • PITTSBURGH • CLEVELAND • SAN FRANCISCO

There is no way to keep the inside of a
small pipe from rusting except by making
it of a non-rusting material.

When conductor pipes, gutters and

roofing are made from Horse Head
Zinc, they cannot rust. They require
no protection inside or out. They will
last as long as the building they adorn.

Yesterday — in Today even the simplest home can have this hidden comfort

*Bare facts so strong they are being told
only after three full years of proof*

THREE years ago owners of costly homes were enjoying a degree of comfort that few men could give their families.

It wasn't costly furnishings—rich rugs, period furniture, tapestried walls. It was something hidden, something built into the house itself.

In winter it gave every room an even, healthful coziness—and saved enough on fuel to run a motor car. In summer it kept the whole house pleasantly cool. It produced a restful quiet.

And so, people in these costly homes were living better, sleeping better, enjoying a healthful comfort denied to most home-builders.

Then, suddenly, this hidden source of greater comfort was made available for every home. New possibilities of home construction were opened up. New standards of comfort and healthfulness were established.

The facts follow—facts so unusual that we have waited three full years to tell them. Now, backed by the accumulated proof of these years, they are set before you.

The secret of greater comfort

The secret of the greater comfort of costly homes is, in a word, insulation—heat-insulation. There is no mystery about it. Any architect or engineer can explain it to you fully.

Insulation is a scientific means of stopping the passage of heat.

In the walls of your ice-box it keeps heat from getting in. In the walls of your fireless cooker it keeps heat from getting out.

Similarly, in the walls of a house, insulation keeps heat inside in winter and outside in summer.

Hence, in costly homes, architects have for years used insulation to do what wood, brick, stucco and other ordinary building materials cannot effectively do.

With insulation they have prevented a 25 to 35 per cent heat loss. (Scientific tests show this much heat leakage through the solid walls and roof of a home built without

insulation.) With insulation they have made homes that are delightfully cool in summer. Homes that are free from draughts, quieter, more healthful, better in every way.

Yet, hitherto, they have been able to do this only at extra cost—a cost prohibitive to most home-builders.

The most important building story ever told

Then, three years ago, an amazing new building material was given to the world—a wholly new material, different from anything made, grown or mined.

It was called Celotex Insulating Lumber.

Celotex made it possible for the first time, to build a completely insulated house practically without extra cost. It brought to every home a comfort few had before.

Since it was put upon the market Celotex has completely demonstrated its remarkable qualities. It has been built into thousands of homes. In every part of the United States it has revolutionized home-building ideas.

No building story has ever been of such importance to home owners as this story of Celotex—what it is, how it is used, and what it does.

What Celotex is

Years of scientific research lie back of the Celotex story. A long period of investigation and experiment developed the fact that sugar cane fibre (bagasse), one of the longest and toughest fibres known in any

plant or tree in the world, possessed the remarkable qualities necessary for the fabrication of a revolutionary building material.

A way was found to fabricate these fibres into building lumber which contains millions of sealed air cells—the most efficient form of insulation known to science. Today a mammoth plant in Louisiana is producing millions of feet of it a year. It comes to you in broad, clean boards—strong, rugged, durable, possessing qualities that have made it the sensation of the building world.

Values never before known in any ONE material

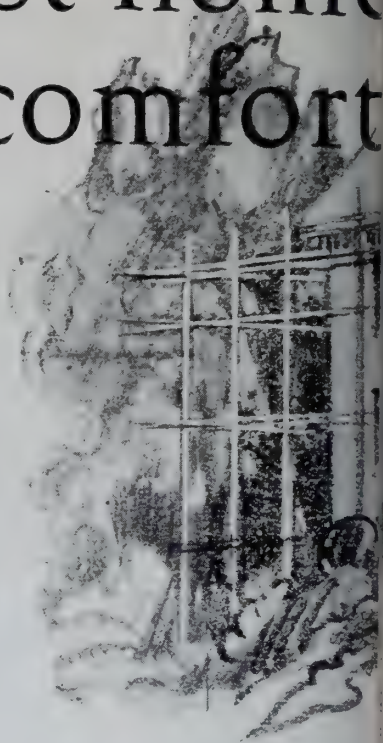
Celotex is insulation. It has insulation value equal or superior to that of any practical and available insulating material on the market.

Celotex used on exterior and interior walls, is equal, as insulation, to three and one-third inches of solid wood, twelve inches of solid plaster, twelve inches of solid brick, or twenty-four inches of solid concrete!

Celotex has a greater ability to prevent the transmission of sound than deadening felts, and eliminates the use of such materials.

Celotex is a structural material. In walls it has many times the structural strength of the wood sheathing it replaces. This is a quality that no other insulating or sound-deadening material possesses.

Celotex, by combining for the first time these three great advantages, enables you,



at practically no extra cost, to secure for your home all the benefits of insulation.

How CELOTEX is used

Old types of insulation were extra material placed between the walls of homes—added expense. Not so with Celotex. Wherever used, Celotex replaces wood and any form of insulation.

You use Celotex on the outside walls of your house and under the roofing, in place of the wood lumber known as sheathing. Test after test by unquestioned authorities has proved that a wall sheathed with Celotex is many times stronger and more rigid than one as ordinarily sheathed with lumber.

This use of Celotex gives you heat-insulation without extra cost.

You use Celotex in place of lath, as plaster base. Plaster bonds with Celotex and produces a wall several times as strong as one made with lath and plaster. And wall that is less likely to crack.

This use of Celotex also gives you heat-insulation practically without extra cost.

Thus Celotex gives you a home that is not only stronger but a home far more comfortable and healthful—yet costing little if anything, more than the ordinary kind.

YOU can have a home like this

It is easy for you to have a warmer, better home than any old-type, heat-leaking home in your neighborhood. Simply specify Celotex Insulating Lumber for sheathing, plaster base, interior finish, roof insulation

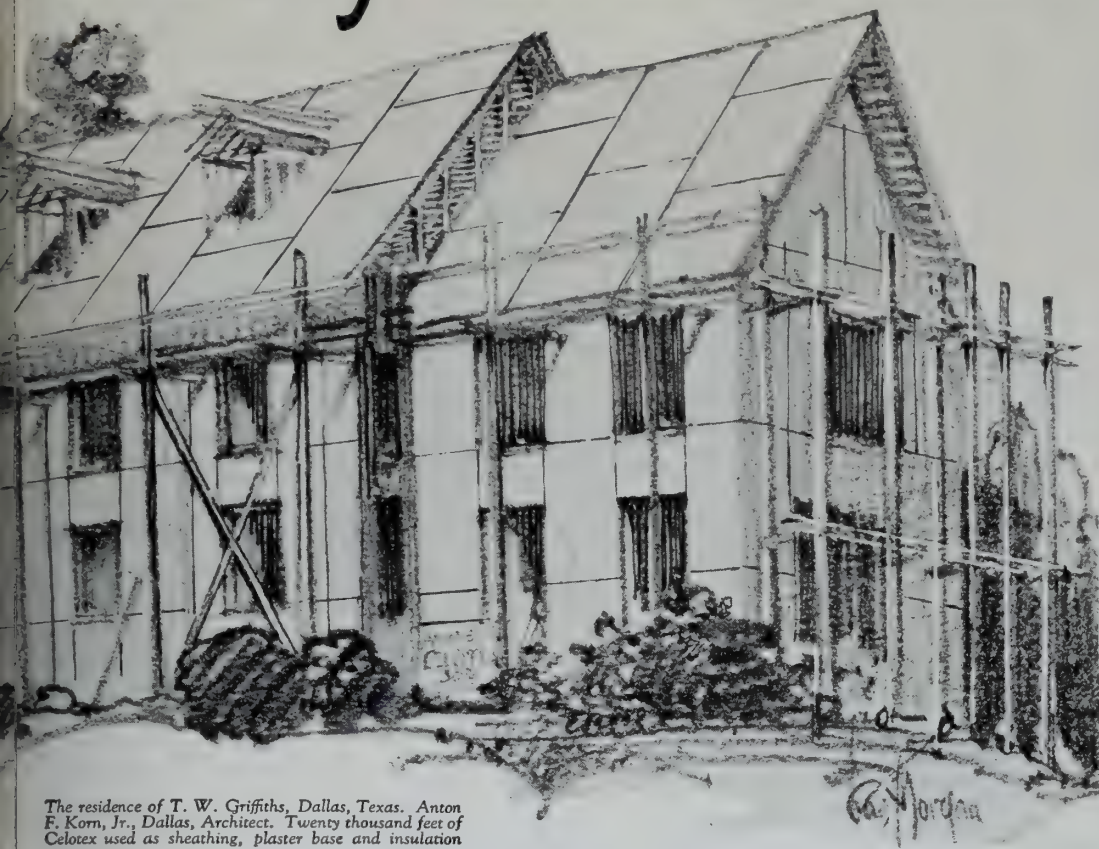


Snow upon the roof of an uninsulated house when occupied melts rapidly due to the heat escaping through the materials with which the roof is built



Snow upon the roof of an insulated house is like snow upon the roof of an unoccupied house. It stays much longer, because there is no escaping heat underneath to melt it

costly homes alone



The residence of T. W. Griffiths, Dallas, Texas. Anton F. Korn, Jr., Dallas, Architect. Twenty thousand feet of Celotex used as sheathing, plaster base and insulation

Your home, so built, will have no "cold rooms," or "cold sides" when the cold blows from certain quarters. It will be free from draughts. You will find it easy to maintain an even, healthful temperature. And your fuel bills will be one-fourth to one-third.

If you live in a warm climate, Celotex will give your home a new degree of hot-weather comfort. During the

whole summer your home will be cooler. There will be no stifling upstairs rooms at night. A restful, nerve-relaxing quiet will pervade it. In it you and your family will live better, happier lives.

If you are going to build your own home, use Celotex. If you are going to buy a completed home, make sure that Celotex has been used in its construction.

If you are having a house built for you, insist upon Celotex being used. Celotex is everywhere available. There is no reason why you cannot have its advantages.

New standards of construction are being established by Celotex. Buyers of the future will be guided by them. Safeguard the future resale value of your home, as well as its present comfort—with Celotex.

Your architect, contractor or lumber dealer will be glad to talk these matters over with you. Write us for additional information on the value of insulation and how you can use Celotex Insulating Lumber to secure it without extra cost. Fill out and mail the coupon—now.

THE CELOTEX COMPANY
645 North Michigan Ave.
Chicago, Illinois

Branch offices:

(See telephone book for addresses)

Boston	Los Angeles	Pittsburgh
Cleveland	Miami	Portland, Ore.
Dallas	Minneapolis	Salt Lake City
Denver	St. Louis	San Francisco
Detroit	New Orleans	Seattle
Indianapolis	New York	St. Paul
Kansas City	Philadelphia	London (Eng.)



At a pressure equivalent to wind or tornado pressure, frame sheathed with Celotex Insulating Lumber was only slightly out of plumb

At 3/5 of this pressure, frame sheathed with wood was racked more than 11 times as much as Celotex

The pictures illustrate the results of a test made by the engineering laboratories of Robert W. Higgins & Company to determine the relative strength of Celotex and wood as sheathing. It was demonstrated that a wall sheathed with Celotex is several times as rigid as a wall ordinarily sheathed with lumber

FACTS about CELOTEX

Celotex comes in stock sizes: Thickness, 7/16 of an inch; width, 4 feet; lengths, 8 to 12 feet.

The weight of Celotex is about 60 pounds to the hundred square feet, making it easy to handle and economically applied.

Celotex is sawed like ordinary lumber and is nailed directly to all framing.

The great durability of Celotex permits it to be piled outside and handled just as wood lumber is handled.

Any type of exterior finish—siding, clapboards, stucco, brick, veneer, etc.—is applied over Celotex in the same manner as over wood sheathing. Any kind of roofing can be laid over it. It is used in all types of roofs to stop heat at the roof line.

Standard prepared gypsum or wood fibre plaster is applied directly to the surface of Celotex.

Celotex is waterproofed. It can be painted and used as exterior finish.

Other Celotex uses

Celotex has many uses other than in homes. Mail the coupon for full information on any of the following:

Interior wall finish—the interesting fabric surface texture of Celotex makes it admirably suitable for interior finish in many forms of beautiful wall treatment. It may be left in its pleasing natural finish, or painted, stained or stenciled.

Industrial and commercial buildings—especially for roof insulation and sound quieting and to eliminate condensation of moisture.

Acousti-Celotex used in auditoriums, theatres, churches, schools, offices, broadcasting studios, banks, etc., for acoustical correction.

Small buildings—summer cottages, garages, mountain cabins, etc.

Special farm uses—stock barns, milk houses, potato and perishable product warehouses, vegetable and fruit storage rooms, incubators, chicken houses, etc.

In homes already built—attic insulation, cool rooms, vegetable storage, interior wall treatment and all kinds of house alterations.

Refrigerator cars—Celotex is in use as insulation by the leading railroads and car builders of the country in more than 13,000 refrigerator cars.

Shipping boxes—specially manufactured Celotex, strong, light in weight, waterproofed, pilfer proof, thousands in use.

A book of 25 homes for 50 cents

"Your Home", a book of 25 ideal small homes will be invaluable to you if you are building. Based on plans prepared by the Northwestern Division of the Architects' Small House Service Bureau of the United States, an organization controlled by the American Institute of Architects. Contains block plans, perspectives, descriptions, landscape suggestions. To get "Your Home" enclose 50 cents in stamps with coupon below.

FREE Building Book
Send Coupon

"The Hidden Comfort of Costly Homes" gives you detailed and authoritative information on the use of insulation in modern home construction—new homes, completed homes, basementless houses, alteration work, small buildings, etc. Fully illustrated with photographs, drawings, diagrams. Send the coupon.

Mail this for Free Book

THE CELOTEX COMPANY, Dept 4
645 North Michigan Ave., Chicago, Ill.

Please send me without charge the booklet, "The Hidden Comfort of Costly Homes."

Name

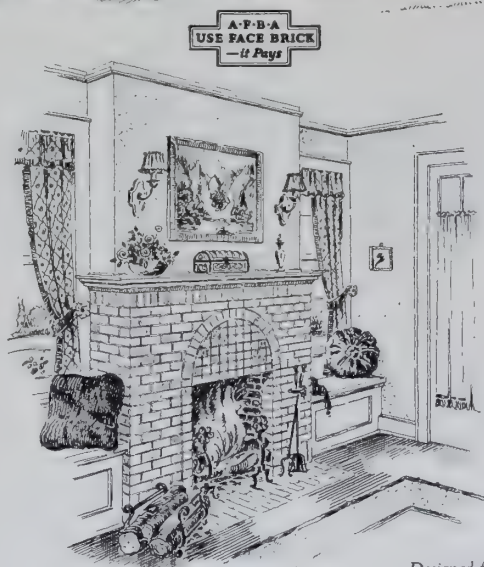
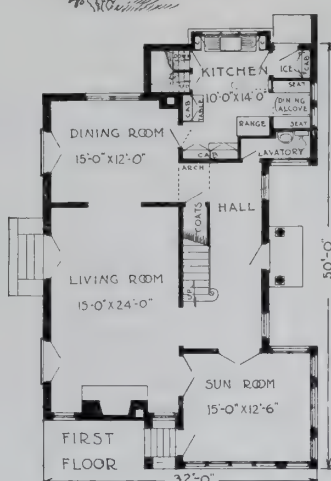
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City State

CELOTEX

INSULATING LUMBER

"THERE IS A USE FOR CELOTEX IN EVERY BUILDING"



HOUSE No. 805

Designed for the Service Department, American Face Brick Association

This attractive house illustrates the character of the designs shown in our "Face Brick Bungalow and Small House Plans."

Think Before You Build

TO most people a home means an investment for a lifetime. A misstep is a serious matter. That is why it is worth while to think before you build.

Many learn too late that they might have had the beauty and the permanence of a Face Brick house at an actual saving over a period of years. But each year—as home-builders appreciate more the relation of depreciation, up-keep, repairs, painting and fuel costs to home-owning—the number of Face Brick houses increases.

Booklets You Ought to Have:

"The Story of Brick" is, as one reader says, "a liberal education in home-building." It gives just the information the prospective builder wants. Sent free.

"Face Brick Bungalow and Small House Plans" in four booklets, showing respectively 3 to 4-room, 5-room, 6-room, and 7 to 8-room houses, in all 104. Unusual and distinctive designs combined with convenient interiors. Any one booklet, 25 cents. The entire set, one dollar.

"The Home of Beauty" shows fifty two-story six-room houses selected

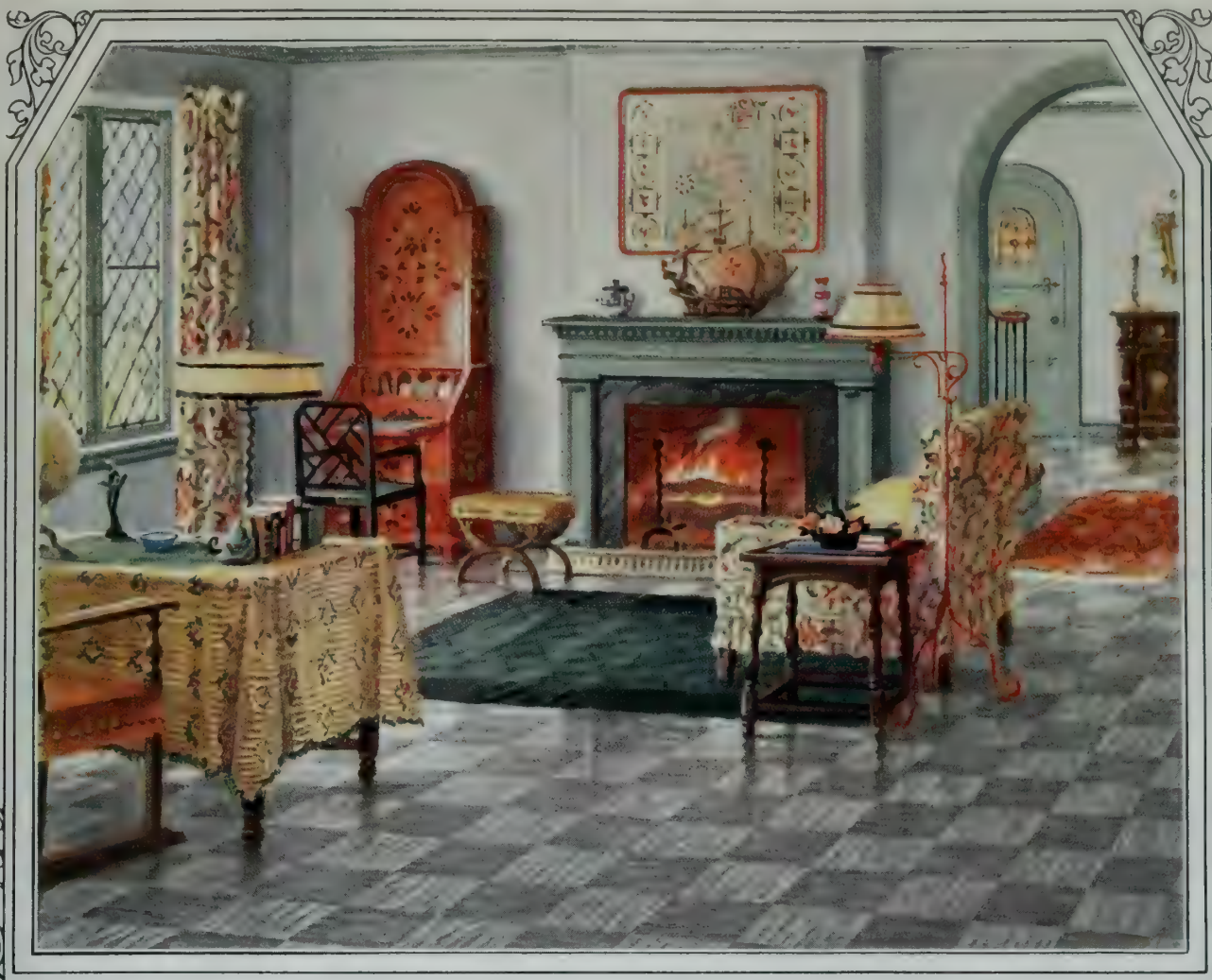
from 350 designs submitted by architects in a nation-wide competition. Sent for 50 cents.

"The Home Fires," a most attractive fireplace book, with many designs, gives full directions for fireplace construction. Sent for 25 cents.

"A New House for the Old," will tell you all about restoring an old house with a beautiful, permanent overcoat of Face Brick. Sent free.

Address, American Face Brick Association, 1721 Peoples Life Building, Chicago, Illinois.

Armstrong's Linoleum *for every floor in the house*



Look for the
CIRCLE "A"
trademark on
the burlap back



A New Conception of Linoleum and a New Conception of Floors

PRETTIER rooms!
Rooms of color! The
at a few years have
brought in a growing
demand for brighter, more cheerful interiors.
Color and design in floors is part of this
decorative trend. For in any room the floor
is always the biggest expanse that meets the
eye. The floor must complement or contrast
with the other furnishings.
Eight years ago the makers of Armstrong's
Linoleum established their Bureau of In-
terior Decoration. They had a new con-
ception of linoleum. They saw linoleum not
merely as a durable, sanitary, easily cleaned
floor, but as a floor of beauty.
Today in all the finer patterns and colors
Armstrong's Linoleum is designed and made
with the idea—

First, that it shall be
thought with an eye to its
beauty,
Secondly, that it shall be
made for permanency, with
no need, over a lining of
others' deadening felt (no
padding), and,

Thirdly, that it shall be waxed and cared
for as any fine floor should be.

Very soon interior decorators saw the pos-
sibilities of color in floors. Architects, too,
became interested in the idea. Women were
quick to see what fine floors the newer and
better designs in Armstrong's Linoleum
would make for their best rooms.

Many interesting designs have been devel-
oped. There are rippling two-tone Jaspés
(the living-room floor in the picture is the
new Jaspé tile), dignified inlaid, rich marble
tiles, quaint Dutch patterns, and attractive
carpet and matting effects.

want help and advice on particular problems
of decoration, describe your rooms, and our
Bureau of Interior Decoration will give you
individual suggestions. No charge.

A new book on home furnishing and decoration

Agnes Foster Wright of New York is an
authority on interior decoration and a
writer for House and Garden and other
magazines you read.

Her recent book, "Floors, Furniture, and
Color," includes color ideas for decorating
different rooms, and gives
advice that will help make
your home more attractive.
You may buy it from us
for twenty-five cents. (In
Canada, 60c.)

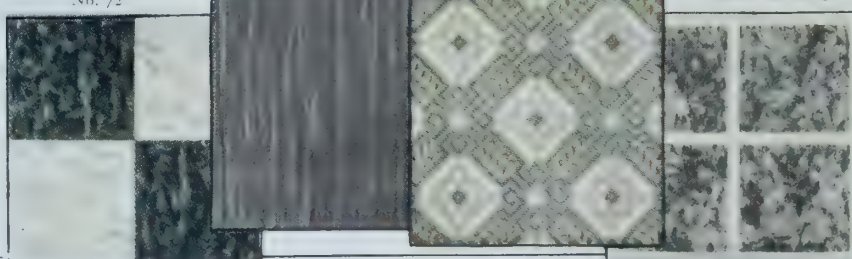
ARMSTRONG CORK COMPANY
Linoleum Division
844 State St., Lancaster, Pa.

Marble Inlaid
No. 72

Jaspé No. 15

Moulded Inlaid No. 4412

Inset Marble Tile
Inlaid No. M 62





“Failure” or “Success”

—Which does your home reflect?

**Paint NOW—
Pay in ten months!**

Consult the Devoe Authorized Agent in your community about the Devoe Home Improvement Plan which will enable you to paint your house—inside and out—and pay for it in ten monthly installments. This Financing Plan is 25% less expensive to the property owner than any similar plan in the paint industry. Or, write us.

THE world believes what it reads in the outward appearance of your home. Poorly kept surfaces mean failure in the eyes of the world—an attractive exterior reflects success.

To win the respect and admiration of your neighbors beautify and protect your home with Devoe Paint—time-tested and proven, guaranteed by 171 years' paint experience. It takes fewer gallons—costs less per job—looks best.

When you want to know anything about paint or painting, look for the sign of the Authorized Devoe Agent. You'll get advice worthy of Devoe's 171 years' experience.

Devoe & Raynolds Co., Inc., 101 Fulton St., New York
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DEVOE

**Paints, Varnishes, Stains, Enamels, Brushes
Artists' Materials & Insecticides**

Beautiful, Unblemished Interiors



This is a full size reproduction of Herringbone Double Mesh Lath. Note the fine, plaster-saving mesh. Metal lath of Armco Ingot Iron is made only by The General Fireproofing Co.

Made Permanent by Herringbone

THE most beautiful walls *can* crack. The finest ceilings *can* be disfigured by lath streaks and checks. These things are to be expected when you build the ordinary way.

But *not* when the plaster is reinforced and preserved by Herringbone Metal Lath.

Metal lath, of course, is superior to the old fashioned wooden kind. And Herringbone possesses certain definite advantages over all other metal lath. It has a remarkably fine, small mesh, which literally becomes embedded in the plaster.

Sudden jars cannot loosen its grip. Even the slow warping of wood supports—that bane of builders—cannot crack plaster

held so firmly and so securely in place. Each square inch of surface has a permanent, unyielding key in Herringbone.

You can easily understand how Herringbone Metal Lath cuts down depreciation—saves replastering, frequent repapering and redecorating. And what an effective barrier against fire!

Ask your architect or builder about Herringbone. He will tell you it has many other advantages. And most remarkable of all, it costs but little more than ordinary wood lath—actually less in the end.

Write for our instructive booklet, "Building for Permanence and Beauty." It will interest you.

THE GENERAL FIREPROOFING COMPANY, YOUNGSTOWN, OHIO
Branches and Sales Agents in Principal Cities

GFH Herringbone
Rigid Metal Lath

Member National Council
for Better Plastering





MR. JOHN DREW
CHOOSES QUAKER
SHANTUNG NET FOR
HIS EAST HAMPTON,
LONG ISLAND, HOME

When the decorator specified net for this window he assured Mr. Drew of two things: perfectly diffused light and privacy; when he said "Quaker" he assured him durable beauty and lasting satisfaction.

There Are Two Sides To
Every Curtain Question
The Inside—The Outside

Whatever your special curtain problem may be there are two questions you must always consider when you choose your curtaining —

- (1) Do your windows make a harmonious picture from the outside?
- (2) Are your curtains transparent from the inside?

You have only to examine the two photographs above to see how eminently satisfactory an answer to both questions Mr. Drew found in Quaker Shantung Net.

No doubt about the beauty, none about the transparency and soft transfusion of light; and from the outside the delicately traced rose pattern of the Quaker net is thrown into relief, while the curtain itself becomes a picturesque screen which insures a peaceful privacy within.

Net is the correct answer to every curtain problem and the name "Quaker" is a quality mark in net curtaining like the karat mark in solid gold.



A Booklet That Will Help You

"Decorators' Methods of Window Curtaining" a booklet by Philip H. Pratt, Head of Interior Decoration, Pratt Institute, will be mailed to you on request.



QUAKER LACE COMPANY

Lace Works and Accounting Rooms:
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Wholesale Sales Rooms:
890 Broadway, corner 19th Street, New York City



Do you know how easy it is to own a Brambach Baby Grand?

DO NOT IMAGINE that a baby grand costs in proportion to the beauty and pleasure it gives to your home.

A Brambach costs no more than a high-grade upright — and it can be bought on terms so easy as to be negligible.

Furthermore, it is an instrument of unmistakable quality, yet, so small that it requires no more space than an upright. It has that resonance and beauty of tone which are the results of 102 years of fine piano-making.

We will furnish a free paper pattern showing exactly how little space a Brambach requires; also the name of the nearest dealer who will deliver a Brambach to you for just a small payment. Fill in the coupon and mail it today.



BRAMBACH BABY GRAND

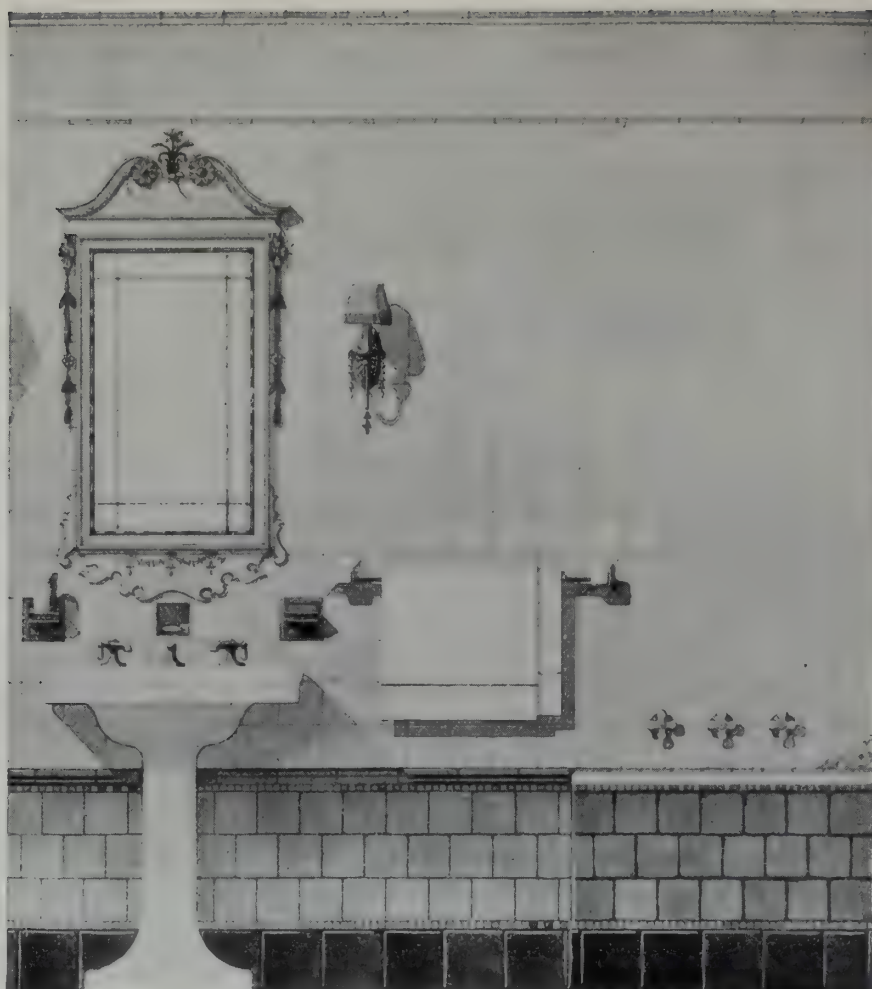
\$635 *and up
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613 W. 51st Street, N. Y. City

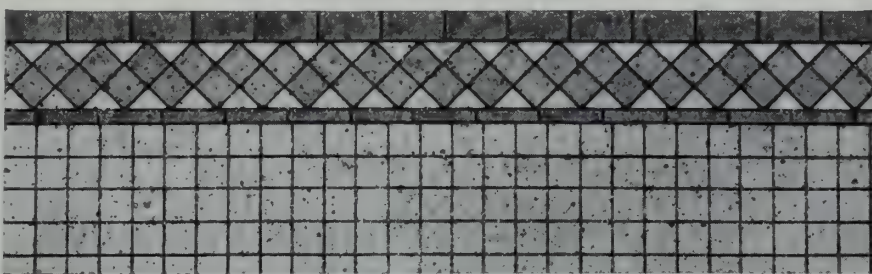
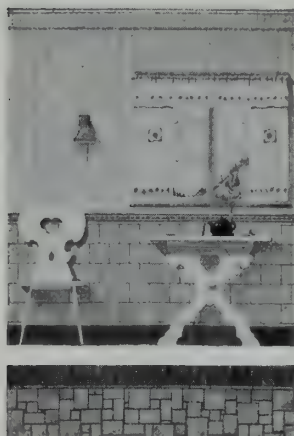
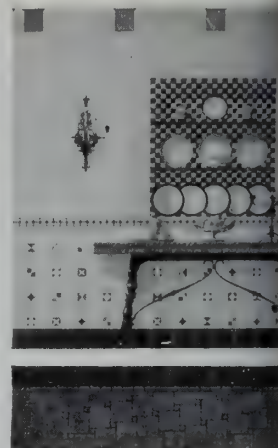
Please send me paper pattern
showing size of the Brambach
Baby Grand.

Name _____

Address _____



TYPICAL WALL SECTION

SECTION OF FLOOR
*Colonial Bath Motif**Swiss Breakfast Room**Spanish Dining Room*

Period Motifs

These period motifs are correct, authentic, and in the true spirit of their respective periods. They are adaptable and appropriate for houses large or small.

Size, color, glaze and texture have been painstakingly selected to insure a pleasing and artistic result. Without the correct tiles it is im-

possible to duplicate these effects.

To assure you of proper reproduction—with all the fine qualities which these original designs possess—we have prepared specifications and plates in full color.

ASSOCIATION TILES

should be specified, so that the essen-

tial requisites in style shall be preserved. Permit no substitution, insist upon your tile contractor working in accordance with specifications.

This association will cooperate with you in securing tilework that is attractive, durable and in other ways satisfactory.

Associated Tile Manufacturers, 832 Seventh Avenue, Beaver Falls, Pa

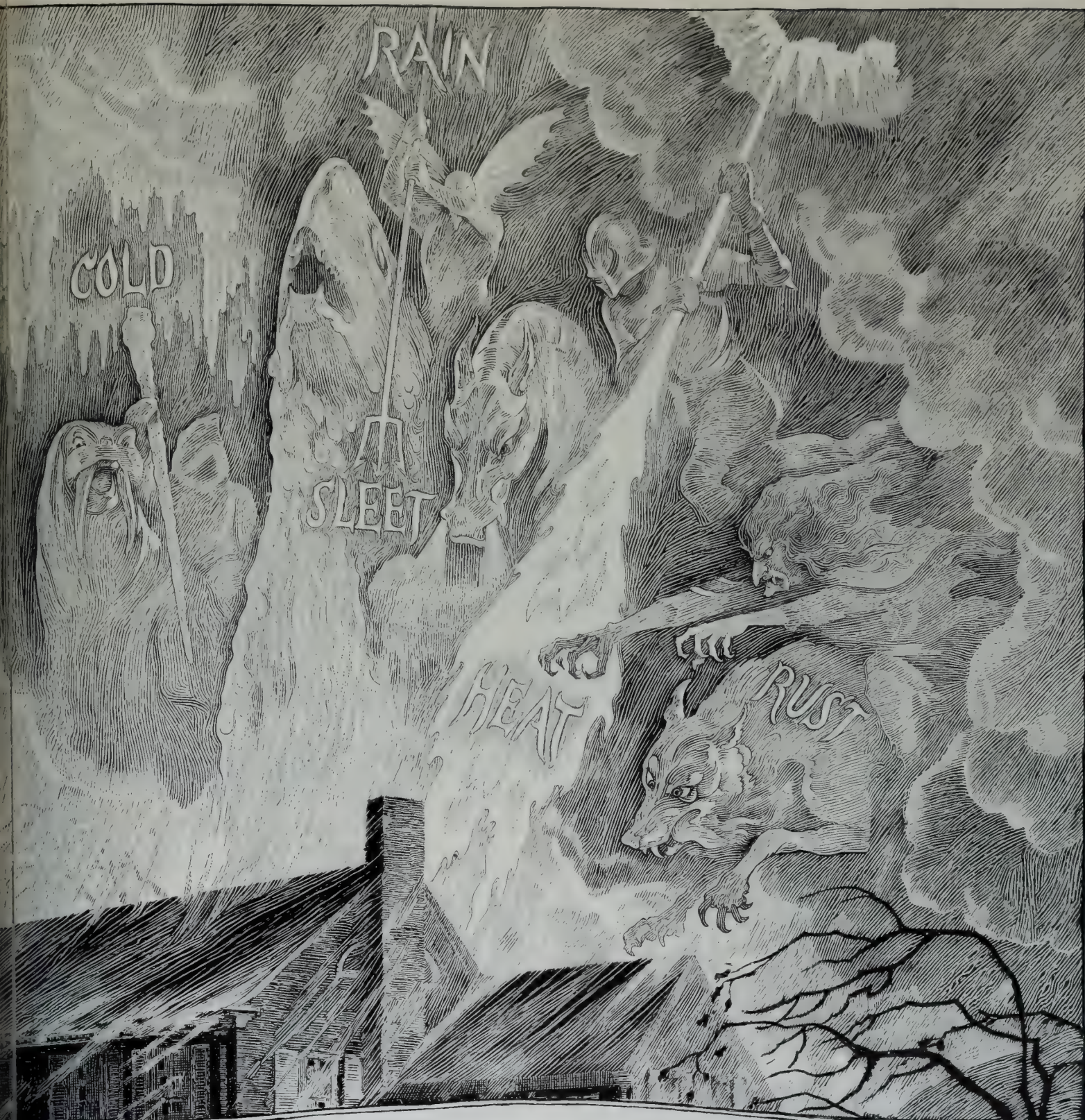
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*Booklet free. Specifications and color plates (the three shown here)
for 8 cents postage*



Defeating the Raiders

Safe from the raiding elements and their ally, RUST, is the home defended by COPPER and its alloys.

COPPER roofing, downspouts and gutters are permanent armor, above. BRASS pipe plumbing is defeat for rust's creeping attack on pipes, below.

And the stealthy corrosion that scars plated substitutes is defied by hardware and lighting fixtures made of real BRASS or BRONZE.

COPPER & BRASS
RESEARCH ASSOCIATION

25 Broadway - New York

Send for our new book K-5, which shows you how to build or buy to defeat the "Raiders." No charge.



Home of Craig Heberton, Montecito, California. George Washington Smith, Architect

Never before, a Stucco like this!

Builders have long sought a stucco that would combine texture and color. These qualities are now obtainable through Oriental Stucco.

This is a scientifically proportioned, machine mixed material ready to use with the addition of water on the job, thus assuring a permanent, strong, waterproofed stucco.

The manufacturing formula is based upon methods used in producing the finest European stuccos and one successfully used in America for more than a decade.

Oriental Stucco Finish coat comes in nine colors and white. The use of mineral colors ground in at the mill and machine mixed with other ingredients, assures uniformity in color and prevents fading of the finished wall.

Oriental Stucco is produced at nine mills located at strategic shipping points and can be obtained through any building supply dealer. Write for interesting free booklet.

UNITED STATES GYPSUM COMPANY
General Offices: 205 W. Monroe Street, Chicago, Ill.

UgS
ORIENTAL STUCCO



Every woman loves a beautiful bathroom

*But the fixtures you select must give
beauty that lasts*



BATHROOM fixtures built in the walls are the final touch to bathroom beauty. They produce a bathroom that you will always be proud to show guests. But it is extremely important that you select Fairfacts Fixtures—guaranteed to keep their brilliant, snow-white lustre as long as your house stands. Our special process of manufacture insures a permanently beautiful gloss that will keep free from hair line cracks or stains.

***Be absolutely sure that you get
our guarantee***

FAIRFACTS Fixtures are widely imitated and many of these imitations are of extremely poor quality. A Guarantee Certificate is attached to every first quality Fairfacts Fixture. This is for your protection as well as your tile contractor. You have

definite assurance that the surface you admire so much will never become dimmed or discolored.

Fairfacts Fixtures may be installed in walls of any kind, tile, cement or plaster. The touch of a damp cloth instantly cleans them. They not only match the other bathroom equipment, but they harmonize with any color or tint of walls.

***This book will be a wonderful
help to you***

WRITE for your free copy of our book on bathroom interiors. Its gorgeous pictures in colors and its practical information will inspire you to secure a bathroom that will be an enduring joy as long as your home lasts. THE FAIRFACTS COMPANY, INC., Manufacturers, Dept. N1, 234-236 West 14th Street, New York City.

We suggest

FOR THE LAVATORY

Soap Holder	F 115
Tooth Brush Holder	F 330
Tumbler Holder	F 160
Shelf	F 321
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FOR THE BATHTUB

Combination Soap & Grip	F 151
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WHERE CONVENIENT

Wardrobe Hook	F 342
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1/2 inch Towel Bar	F 301
1/2 inch Towel Bar	F 303
Shoe Hook	F 340
Tooth Hook	F 341
Bathroom Radiator	F 180
Bathroom Seat	F 680

SPECIAL



PROCESS

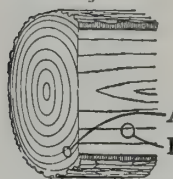
Fairfacts Fixtures



Fig. 1



Fig. 2



The illustrations above show the effect of timber growth upon flooring. Fast growth causes wide annular growth rings (A) which in turn produce the coarse grain (B). This is typical of flooring made of lowland oak. (Fig. 1).

On the other hand, slow growth, which depends upon favorable climatic, soil and drainage conditions, results in close annular growth rings (C) which produce close, fine grain (D) characteristic of flooring made of Appalachian Highland Oak. (Fig. 2).

Just how grain influences the beauty of the finished floor can be seen by observing the two panels of flooring above. The one to the left is coarse and flashy in grain and is spotted in color. The one to the right has fine, close grain, and color is evenly distributed.

Reasons for the Greater Beauty of Appalachian Oak

By the Research Department of the
W. M. Ritter Lumber Company

FLOOR beauty is largely a matter of timber growth. Granted that the flooring is well manufactured, properly handled, and well laid, the charm of the completed floor goes back to the forests from which the timber originates.

How appropriate the timber is depends principally on where it was grown. Oak grown in lowland or swampy areas, although suitable where strength is of prime importance, is not satisfactory for purposes of beauty because of its coarse, flashy grain and uneven texture, due to fast growth and the resultant wide growth rings.

Highland oak, particularly that from the Appalachian Region, on the other hand, grows slowly and uniformly into timber with fine grain, close, even texture and uniform color—qualities so essential to the truly beautiful floor. These characteristics are due to slow growth and are dependent upon favorable climatic, soil and drainage conditions which are found in upland hardwood timber areas.

Specifying Grade Only Inadequate

The standard rules for grading flooring, while considering such imperfections as knots, worm holes, sap, splits and similar defects, do not give consideration to grain, color and texture. Therefore, to be assured of satisfactory results, it is necessary to specify, in addition to the grade desired, that the flooring be manufactured of **highland oak**. The easiest way is to ask for Ritter Appalachian Oak Flooring.



MAIL the coupon below today for our attractive booklet giving complete information.

Date _____

W. M. RITTER LUMBER CO.
COLUMBUS, OHIO

Gentlemen: Kindly send me your valuable booklet on Ritter Appalachian Oak Flooring which explains in detail how it can add to the comfort, beauty and value of a home.

Name _____

Address _____

H. G.



Above is an example of Ritter Appalachian Oak Flooring in block parquetry pattern. The home is that of Mrs. Sarah L. Smith, Newton, Pa. Architect, Mr. Harry Parker, Philadelphia. Ritter flooring may be obtained in a variety of parquetry designs as well as in the strip pattern.

Interior trim made of Ritter Appalachian Oak likewise possesses the same qualities of beauty and economy that characterize Ritter Flooring. Its use is assurance of the best.



The Choice of Those Who Discriminate

In this age of homes beautiful—where plans are carefully decided upon, appointments selected with care, and each unit of home embellishment chosen to harmonize with, and enrich the whole—you cannot afford to sound a false note in your decorative scheme by the careless use of oak flooring. Sharp differences in the character of the various brands necessitate discrimination.



HHE floors of the home can make or mar the effect of the entire decorative scheme. Correct—they give charm and individuality, and enhance its value; lacking qualities essential to floor beauty—they detract as much.

Timber grown in the highlands particularly in the Appalachian Region, possesses precisely the qualities that make for beautiful floors—fine grain, even texture and uniform color. But few of the various brands of flooring on the market today are made from such timber.



That is why discriminating architects and home builders are specifying millions of feet of Ritter Appalachian Oak Flooring yearly. They have learned that beautiful floors are largely a matter of timber growth and that all Ritter Flooring is manufactured from the finest of Appalachian Highland timber. Through its use they invariably obtain satisfactory results.

Ask your architect to write Ritter Appalachian Oak Flooring into his specifications. It is branded to prevent substitution and its use will insure the beautiful floors your home deserves.

W. M. RITTER LUMBER COMPANY, America's Largest Producer of Hardwood
GENERAL OFFICES, 115 E. RICH STREET, COLUMBUS, OHIO



The WHITE HOUSE Line

TRADE MARK

SECTIONAL UNIT STEEL DRESSERS



View of Kitchen



View of Pantry

Modern service quarters for the Modern Home

Modern homes must have modern service quarters. Every detail for comfort, sanitation and efficiency should be planned with the rest of the house. The general architecture of the house receives serious thought, so does also the living room, dining room and bed rooms. You employ specialists for these rooms, why not for the kitchen?

Steel units in the kitchen and pantry are now recognized as the most modern equipment obtainable. We can furnish *in steel* all cupboards, dressers, closets, etc., that would ordinarily be built in of wood. This is done by combining our standard units.

Our service department will prepare blueprints and estimates on WHITE HOUSE Steel Units to fill the spaces as shown on your floor plans. Or, if you are contemplating remodeling and will send us a rough sketch of your rooms, we will submit suggestions.



Residence of G. L. Pirie, Esq., Hubbard Woods, Ill.—Chester H. Walcott, Architect

WHITE HOUSE Units are furnished complete ready for installation,—no hardware, glazing or painting necessary. Your problems would be of interest to us.

A visit to our showroom would give you a better idea of The WHITE HOUSE Line.

Additional information, catalogue, and photographs on request.

JANES & KIRTLAND, Inc.

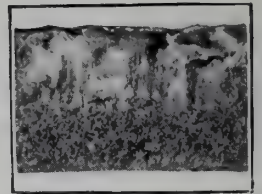
Established 1840

133 West 44th Street

New York City



THE wearing qualities of Preston Shingles depend not only on the quality but on the quantity of asphalt which each shingle contains. If you examine the edge of a Preston Shingle, you will notice that it is practically a solid body of asphalt. This feature of Preston Shingles accounts for their remarkable wearing qualities.



MICROSCOPIC ENLARGEMENT

Preston shingles give a house personality

PRESTON Shingles can transform a home however simple and unpretentious into a place of distinction. The soft colors of the slate and stone surfacing material are not only enduring but they blend perfectly with any color scheme of the house itself.

A Preston Roof seems almost as if it were fashioned by nature herself. The Sunset shade produces the rare elusive tints of an autumn hillside.

Preston shingles are adapted to any pitched roof from a cottage to an expensive house. They

are made in three thicknesses, Standard, Extra Heavy and Massive. The Massive is much thicker than any other slate-coated asphalt shingle on the market. This thickness not only adds to the life but also to the appearance of a Preston Roof. It produces the distinct shadow line that architects insist upon. In addition to the Sunset blend, Preston Shingles are made in three solid colors, red, blue-black and green.

We shall be glad to give you the name of a dealer or contractor who can supply you with Preston Shingles.

KEYSTONE ROOFING MANUFACTURING COMPANY
Dept. B2, York, Pennsylvania.

Preston ROOFING



Give your home a castle's strength

Let these suggestions guide you

In early days, great lords built castles for homes, with moats and drawbridges and armaments as defense against the many enemies who came to destroy.

Today, every man's home is his castle. Its strength depends, in a large measure, on its happiness and contentment. The enemies

still include time, wind, rain, fire and wear.

The Lehigh Portland Cement Company suggests this principle to put a castle's strength into whatever you build. Seek Permanent Satisfaction. Use only (1) Dependable Materials and (2) Competent Workmanship.

How to get Permanent Satisfaction, whatever you build

[1] Get Dependable Materials

Reputation for dependability has made Lehigh Cement the best-selling cement in the world. Last year, contractors, architects and owners used over 68 million sacks.

In buying building materials remember this point:

The dealer who insists on carrying Lehigh for you, often stands in the face of constant pressure to offer you the "cheap" brand. Is it not reasonable to expect a dealer to protect your interests in other ways also by carrying a line of thoroughly dependable materials? Let the Lehigh Sign guide you to a reliable dealer.

[2] Get Competent Workmanship

Even with the best materials you can get poor results unless you secure competent workmanship.

A good contractor will save you money through skillful building economies. He will put quality both where it can be seen at the start and also where it will be noticed for its low repair expenses in the years to come.

A point to remember in choosing a contractor:

The contractor who insists on dependable materials is likely to hire competent help and to put skill and dependability into all that he does.

LEHIGH PORTLAND CEMENT COMPANY

ALLENTOWN, PA.	BIRMINGHAM, ALA.	CHICAGO, ILL.	SPOKANE, WASH.
New York	Kansas City	New Castle, Pa.	Boston
Buffalo	Omaha	Pittsburgh	Philadelphia
Mason City, Iowa		Richmond	Minneapolis



Look for this Blue-White Lehigh Sign, known from Coast to Coast, the mark of the reliable dealer. He guarantees permanent satisfaction.

Make Concrete of LEHIGH CEMENT for Permanent Satisfaction

- Barns—for low upkeep
- Benches and sun dials—for beauty
- Cellar floors—to keep dry, clean
- Cisterns—to keep water pure and soft
- Clothespole posts—to prevent rot
- Cold-frames and hot beds—for early plants
- Drains—for permanent improvement
- Driveways—for appearance and low upkeep
- Farm buildings and improvements—
(ask for our special Farm Book)
- Fence posts and rails—to save money
- Floors—for economy
- Footings—to save old buildings
- Foundations—for permanence
- Fountains—for attractive appearance
- Garages—for greater fire safety
- Garage floors—for highest utility
- Gate posts—to avoid repairs
- Gutters—for better drainage
- Homes—(ask for special Home Book)
- Pergolas—for ornamentation
- Porches and porch posts—for economy
- Poultry houses—for permanent, sanitary floors
- Septic tanks—for necessary sanitation
- Sidewalks—to keep houses clean
- Stairs and steps—for permanence
- Stucco—for beauty and low upkeep
- Swimming and wading pools—for clean swimming
- Tennis courts—for accuracy, dryness
- Urns and flower boxes—for decoration
- Walls—for permanent protection
- Water tanks—to protect water supplies
- Well covers, linings and platforms—for permanence and sanitation

FREE booklets!

If you want information on any of the above, check the subjects in which you are interested, sign your name and address, and mail to us or to your Lehigh dealer. You will receive, free of cost, our bulletins and booklets.

Name.....

Address.....



Douglas Fir

Increasing production of Douglas Fir in the Long-Bell manufacturing plants at Longview, Wash., is making possible wide distribution of this Long-Bell product in all fir-consuming sections of the country. The Long-Bell trade-mark on Douglas Fir lumber and timbers is the builder's assurance of lumber dependability and uniform quality. Long-Bell trade-marked Douglas Fir lumber is sold by retail lumber dealers. Look for the trade-mark on the end of the piece.

Southern Pine

Long-Bell production of Southern Pine is the largest in the industry. For many years this Long-Bell product has been known to the trade and to the user as a lumber of unsurpassed quality. Careful manufacture and prompt service to the dealer are policies that have brought it a nation-wide reputation. For actual building economy, for permanence, Long-Bell trade-marked Southern Pine lumber and timbers are consistently dependable.



Durable Floors

Floors must stand hard usage. Long-Bell trade-marked oak flooring gives the sort of *permanence and beauty* desired by careful home builders. Maximum floor value is built into it in manufacture. Sold by retail lumber dealers.



Small Home Plans

The Long-Bell Plan Service contains many beautiful and practical small home plans. This service is distributed to retail lumber dealers, and they will gladly show you elevations and floor plans—a valuable aid in making your own plans for building.



Just a Dwelling? = or a home investment!

A man usually builds a home in keeping with his finances. That is the part of wisdom, to set a reasonable limit of cost, and keep within it.

Often, however, a home-builder seeks to make his expenditures buy maximum floor space at the expense of permanence. Construction is cheapened so that a larger house may be built. Cheaper materials are used as a "saving" to apply on other purchases.

What a home-builder really wants is *maximum home value*. He actually wants to pay for a home that is economically built, yet of such a construction standard that it will maintain its value as a home through many years—a *satisfactory combination of economy and permanence!*

Any good architect or contractor will build a home economically without sacrificing permanence. He will use good materials. He will follow sound construction methods. He will put maximum home value into a dwelling.

Long-Bell trade-marked lumber is used by such builders because of its dependability. Safeguards in the manufacture of this lumber give it maximum building value. The Long-Bell trade-mark on the end of the piece is assurance of uniform quality.

Your lumber dealer will gladly aid you in the important matter of selecting lumber and building materials. Ask him for Long-Bell trade-marked lumber products.

THE LONG-BELL LUMBER COMPANY
R. A. LONG BUILDING Lumbermen Since 1875 KANSAS CITY, MO.

Long-Bell

Trade Marked LUMBER

Douglas Fir Lumber and Timbers; Southern Pine Lumber and Timbers;
Creosoted Lumber, Timbers, Posts, Poles, Ties, Guard-Rail
Posts, Piling; Southern Hardwood Lumber and
Timbers; Oak Flooring; California White
Pine Lumber; Sash and Doors.

K N O W T H E L U M B E R Y O U B U Y



Anaconda Bronze Screens *are play-proof*

Children at play care nothing for the screens. Little feet will kick and little fists will bang.

Screens of Anaconda Antique or Golden Bronze Wire withstand hard usage without sagging, bulging or breaking. They are as rust-proof as copper and 50% stronger.

Yet, Bronze Screens are not expensive. Only about fifty cents a window more than screens that rust and break. Their long life and splendid service make them the cheapest you can buy.

May we send you our interesting booklet "Screens That Meet The Test"?

THE AMERICAN BRASS COMPANY

GENERAL OFFICES: WATERBURY, CONNECTICUT

Offices and Agencies in Principal Cities

Canadian Mill: ANACONDA AMERICAN BRASS LIMITED, New Toronto, Ontario.

ANACONDA BRONZE WIRE

ANTIQUE AND GOLDEN



Millions of DOORS in American Homes



More than five million doors are annually made from California White Pine and California Sugar Pine. Many of the largest manufacturers of exterior, French and panel doors make them wholly of these fine, soft pines.

California Pines possess ten natural points of excellence that make them favored woods for doors.

1. They are soft-textured and straight-grained—work easily and can be cut with or across the grain without splitting.

2. These woods are air seasoned in a climate ideal for that purpose, or are easily kiln dried to any manufacturing requirement.

3. They take glue evenly over every surface, binding all contacted parts rigidly.

4. Their natural freedom from warping, shrinking and swelling assure the purchaser that California Pine doors will keep their shape under varying temperatures.

5. Doors of California Pines may be fitted and hung at minimum cost. A recent comparative test proved a saving of twenty-three cents per door.

6. The fact that these soft-textured woods hold nails and screws firmly without splitting assures permanent installation of all hardware.

7. The smooth, satiny surface of these woods is an affinity for paint and enamel, taking any color treatment readily and evenly, and holding it tenaciously.

8. Because these woods are light in color they do not "oppose" paint, but enable the decorator to obtain the finest finish with fewer coats.

9. Because of their freedom from pitch and resinous substances, these woods eliminate dangers from discoloration to the painted surfaces.

10. The absence of grain-raising assures a permanent mirror-smooth finish.

California Pine doors of all patterns, either in stock or special sizes, may be obtained from leading door manufacturers throughout the country.



These Pines are used more than any other wood for doors, sash, millwork and interior finish. Send for our free illustrated booklet, "Pine Homes."



California WHITE & SUGAR PINE

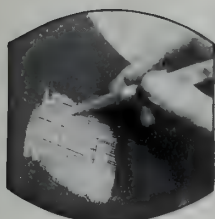
Manufacturers Association

651 'CALL BLDG., SAN FRANCISCO

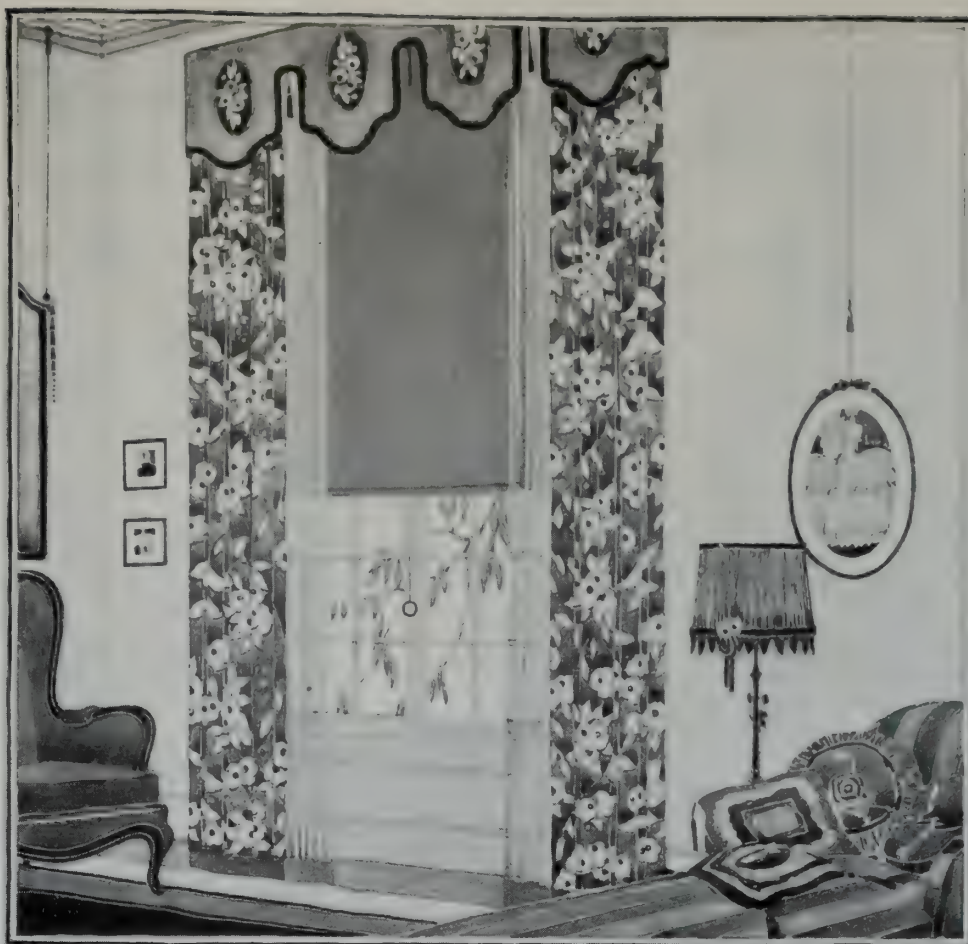
Also producers of CALIFORNIA WHITE FIR
CALIFORNIA DOUGLAS FIR CALIFORNIA INCENSE CEDAR

A 200-year supply of California White and Sugar Pines now stands in the region where our mills operate. Natural growth of standing timber, augmented by natural reforestation assures a supply of these valuable building woods for all time.

Beauty begins
where the light
comes in!



Scratch a piece of ordinary window shade material lightly. Tiny particles of chalk or clay "filling" fall out. BRENLIN has no filling. It outwears several ordinary shades.



Window effects that keep their loveliness —with window shades of enduring BRENLIN

NO ROOM can be more beautiful than its windows. To them the eye goes first—where the light comes in.

And no window can be more beautiful than its shade. Even the finest draperies are ineffective against the window shades that strike the wrong color note, that are worn, or marred with pinholes.

With Brenlin you can obtain fresh, lovely effects that will add much to the charm of your interior scheme. Brenlin is beautiful in texture and in finish, and offers you many soft, rich colors from which to choose.

Years of service

But almost any window shade is fresh and slightly when new. The important fact about Brenlin is that its beauty lasts. Through years of hard service it keeps its good looks.

Unlike ordinary shade cloth, Brenlin has no brittle filling of chalk or clay to break

and fall out, causing unsightly cracks and pinholes which show in glaring relief against the outdoor light.

Strong and flexible, much like finely-woven linen, Brenlin has weight and body enough to keep it always straight and smooth.

Brenlin resists the constant strain of rolling and unrolling, the jerking and snapping of the wind. Rain will not discolor it as it discolors shades of inferior quality. And its tints, applied by hand, resist fading in the sun.

Brenlin wears two or three times as long as the ordinary shade, yet it costs only a few cents more. Its many attractive colors harmonize with every interior scheme. Brenlin Duplex, with a different color on each side, will blend with both interior and exterior. The name Brenlin is embossed or perforated on the edge of every Brenlin shade. Be sure it's Brenlin when you buy.

Mail coupon for valuable new booklet

We have prepared a new booklet, "Making the Windows Beautify Your Home", which you will find exceedingly interesting and helpful in planning your interior schemes. This book is generously illustrated with pictures in colors and contains scores of ideas that will help you secure the lovely effects you want in your home. Written in collaboration with interior decorators, its subject matter is authoritative and correct. The coupon below will bring you this 25c book for 10c together with free samples of Brenlin in different colors. Address Cincinnati.

THE CHAS. W. BRENNEMAN CO.

"The oldest window shade house in America"

2055 Reading Road
Cincinnati, Ohio

6th St. at Chelton Ave.
Camden, N. J.

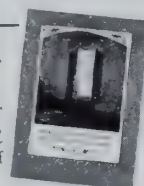
Dealers may also be supplied by:

Breneman-Horan Co., Inc. New York City
Breneman-Paschall Co., Inc. Dallas, Texas
Brenlin Window Shade Co. Los Angeles, Calif.
The Breneman-Sommers Co., Inc. Portland, Oregon
S. A. Maxwell & Co., Inc. Kansas City, Mo.
Rasch & Gainer Baltimore, Md.
Renard Linoleum & Rug Co. St. Louis, Mo.
The Rainier Shade Co. Seattle, Wash.

THE CHAS. W. BRENNEMAN CO.
2055 Reading Road
Cincinnati, Ohio

Enclosed find 10 cents (stamps or coin). Send me your new booklet, "Making the Windows Beautify Your Home," together with free samples of Brenlin.

Name
Street
City



HAND MADE
Brenlin
the long-wearing
WINDOW SHADE material

All installations by
Chamberlin experts



Save Next Winter's Fuel

You Can Start Right Now

Chamberlin Metal Weather Strips save and pay for themselves every day in the year—in fuel, labor, and protection against dust, dirt and draughts. Just see how little these advantages cost.

Prevent Damage From Heavy Rains

They add so much to comfort, cleanliness, and household economy. Keep out dirt, dust, soot, and smoke. Prevent entry of heavy rains, damage to wall paper and painted walls. Protect hangings, furnishings, and decorations. Exclude street noises. Stop rattling of doors and windows.

Children are safe from cold air currents. No cold spots. No chill draughts to drive you from the bright places around the windows.

And they save 25% to 40% on fuel.

Chamberlin's own experts plan, fit, and install all Chamberlin weather strips.

It is specialized work. It requires careful training and special equipment. Just any "good mechanic" cannot do it properly. These typical letters from users, reproduced here, reflect how important weather strip installation is regarded by this company.

Service That Means Something

That is why Chamberlin maintains a nation-wide service organization. That is why Chamberlin guarantees its installations for the life of any building. Any need for service, no matter how many years hence, is cheerfully attended.

The IMPORTANCE of Correct Installation

The Only Guarantee of Lifetime Service

What Thousands Say of the Uniform Care,
Courtesy and Efficiency of Chamberlin Experts
Installing Chamberlin Metal Weather Strips

"25 Years of Good Service"

"I had Chamberlin installed on some of my windows in my residence in Westfield, N. J., over twenty-five years ago. The windows were on the northeast side of the house. The strips were just what they were represented to be and gave me great satisfaction.

"During the past winter I have had you install your weather strips on 17 windows on the northwest side of the house, and on my front and rear doors. The windows and doors do not rattle and are practically wind- and water-tight.

"My house is much warmer because of their installation. In my opinion, your weather strips are the best on the market today."

(Signed)—JAMES O. CLARK
Westfield, N. J.

"Praise Your Mechanics"

"I desire to say that so far the weather strips have proven very satisfactory. You should be complimented particularly on the type of mechanics you furnished to make this installation. They were very quiet, attended strictly to business, and although the weather was severe they performed their work with practically no discomfort to the members of the family."

(Signed)—JOHN ROBERT TAYLOR
"Braeledge," Lakeville, Conn.

"Most Particular Workman"

"The installation of Chamberlin Metal Weather Strips in my residence was finished today by your Mr. Brown in a very satisfactory manner. We dreaded this work because of possible injury to our polished floors and because of the muss we expected to have. However, I found things quite different from what I expected. *First*, I found Mr. Brown to be a gentleman; *second*, I found him to be the most particular mechanic I have ever had the pleasure of meeting; *third*, I observed that he did not waste one minute, giving us an honest day's work; *fourth*, I received a satisfactory and intelligent answer in reply for every question asked; *fifth*, I found that the work was a pleasure rather than a task. We employ mechanics in our business and I think I am in a position to judge a job."

(Signed)—RAYMOND H. BUSSARD
Frederick, Md.

"Careful Workmanship"

"I am very well pleased with the strip and think it worth the money where it is properly installed. The man you sent here is certainly a good mechanic in his line and surely understands his business. He installed the strip on two windows and doors after the painters were thru and was very careful of the finish and I failed to find a mark on the woodwork after he finished."

(Signed)—L. F. MILLER
Bellville, Kans.

C H A M B E R L I N

Metal Weather Strips and Door Bottoms

Chamberlin Inside Door Bottoms enable you to admit fresh air to bedrooms or any part of the house while closing all other parts against draughts. They prevent escape of cold air, dust and dirt from basements. Keep out laundry and kitchen steam and odors. Operate automatically when fitted to either outside or inside doors. Do not interfere with rugs. They are inexpensive, installed separately or in conjunction with Chamberlin Metal Weather Strips.

Chamberlin Metal Weather Strip Company, Detroit, Michigan

Send the Coupon

Chamberlin Metal Weather Strip Company
1644 West Lafayette Boulevard, Detroit, Mich.
I would like an estimate covering the cost of installing (check which)

Chamberlin Inside Door Bottoms—

Chamberlin Metal Weather Strips—In my home—
Bldg.—Church—Number of Windows—Number of Doors

Name _____

Address _____

City and State _____

Enc. Dept. F-29



Valspar—*which color do you want?*

Perhaps you've some old furniture you want to renew. Or maybe you're planning to change the color scheme of your room. No matter what color you need, Valspar has it!

Valspar Varnish-Stains. Look at the chart at the left. There you have Valspar in beautiful transparent colors. Valspar Varnish-Stains are made of Valspar Varnish combined with permanent, non-fading colors to give natural wood effects, such as Light or Dark Oak, Cherry, etc.

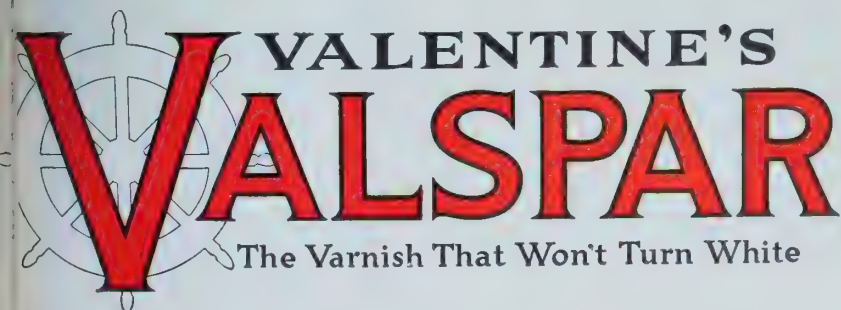
You stain and Valspar with one stroke of the brush, thereby doing away with the old method of staining and varnishing separately. Valspar Varnish-Stains bring out all the beauty of the grain in the wood. Having all of Valspar's durability, they can be used for all work outdoors as well as indoors.

Valspar-Enamels—shown on the chart at the right. Valspar-Enamels combine all of Valspar's waterproof, wear-proof and weather-proof qualities with beautiful, opaque colors. They are applied like paint, covering wood or metal surfaces with a solid color just like paint—and have the added advantages of Valspar's brilliant lustre and durability. They may be rubbed down to a beautiful dull finish, if desired.

Send in the coupon—today—for samples of Valspar and Valspar in Colors. Be sure to send for the Valspar book which gives a hundred practical suggestions for using Valspar—indoors or out.

This Coupon is worth 20 to 60 Cents

VALENTINE & COMPANY, 460 Fourth Avenue, New York I enclose dealer's name and stamps—20c apiece for each 40c sample can checked at right. (Only one sample each of Clear Valspar, Varnish-Stain and Enamel supplied per person at this special price.) <i>Valspar Instruction Book with Color Charts, 15c extra. Print full mail address plainly.</i>													
Dealer's Name Address Your Name Address City	<table border="1"> <tr> <td>Clear Valspar</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Valspar-Stain</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Choose 1 Color</td> <td></td> </tr> <tr> <td>Valspar-Enamel</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Choose 1 Color</td> <td></td> </tr> <tr> <td>Valspar Book</td> <td><input type="checkbox"/></td> </tr> </table>	Clear Valspar	<input type="checkbox"/>	Valspar-Stain	<input type="checkbox"/>	Choose 1 Color		Valspar-Enamel	<input type="checkbox"/>	Choose 1 Color		Valspar Book	<input type="checkbox"/>
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Valspar-Stain	<input type="checkbox"/>												
Choose 1 Color													
Valspar-Enamel	<input type="checkbox"/>												
Choose 1 Color													
Valspar Book	<input type="checkbox"/>												



*Residence of Miss Rena Trust,
8 Bishops Road, Baltimore, Md.
Edward H. Glidden, Architect,
Baltimore, Md. Roofed with
IMPERIAL "Ancient" Large
Tapered Mission Tiles.*



Lasting Beauty Costs But Little More

THE lasting beauty of IMPERIAL Roofing Tiles makes their slightly higher first cost unworthy of consideration. Long after roofs of cheaper materials have become dull and shabby, a roof of these enduring tiles will be as colorful as when laid.

IMPERIAL Roofing Tiles combine unending beauty and protection with absolute freedom from worry and upkeep expense. In the end they prove themselves the most economical roofing material you can choose.

Numerous beautiful color plates of distinctive tile-roofed residences are contained in this elaborate brochure, "The Roof". It may give you many helpful ideas for that home you plan to build. Sent for 25c in coin or stamps to cover postage and handling. Address Ludowici-Celadon Co., Room 1120, 104 South Michigan Avenue, Chicago.

LUDOWICI-CELADON COMPANY

104 S. Michigan Avenue • Chicago

565 5th Avenue • New York



IMPERIAL

Roofing Tiles



*Not Even a Glance
at the Heating
Plant for Weeks
at a Time*

Summer warmth is not a bit more carefree than gas heating! For with gas fuel you can forget the heating plant for weeks at a stretch.

Dirt and worry and trouble in heating your home are needless. Use gas—in an efficient, built-for-the-job gas appliance. Day and night the temperature will be kept at the exact degree you wish—without even a thought of attention.

Let us tell you how gas heating is adapted to your particular home.

THE BRYANT HEATER &
MANUFACTURING CO.
976 E. 72nd Street Cleveland, O.

Branches in Principal Cities



BRYANT HEATING
for Hot Water  *Steam or Vapor*

CORROSION—the Cancer of Metal

CORROSION! Rust! The incurable and malignant malady which day and night, unceasingly, is eating away the life of the pipe in your home. Your first warning of its deadly work is a sudden leak. Then comes a ruined ceiling or floor. A plumber's bill, a plasterer's or carpenter's bill. Trouble, annoyance and expense!



Corrosion "strikes" without the slightest warning.

The accompanying picture, drawn from an actual photograph, shows what corrosion can do to steel pipe. But you notice that the coupling is still as good as the day it was installed. That coupling is made of Genuine Wrought Iron!

When building or refitting, specify Reading Genuine Wrought Iron Pipe—the pipe that endures. No other metal compares with the best wrought iron for economy, combined with rust-resisting qualities. True, there is cheaper pipe, but none more *economical* than "Reading." Figured on a cost per year basis, a supreme quality of wrought iron is far and away the least expensive pipe you can buy.

READING IRON COMPANY READING, PA.

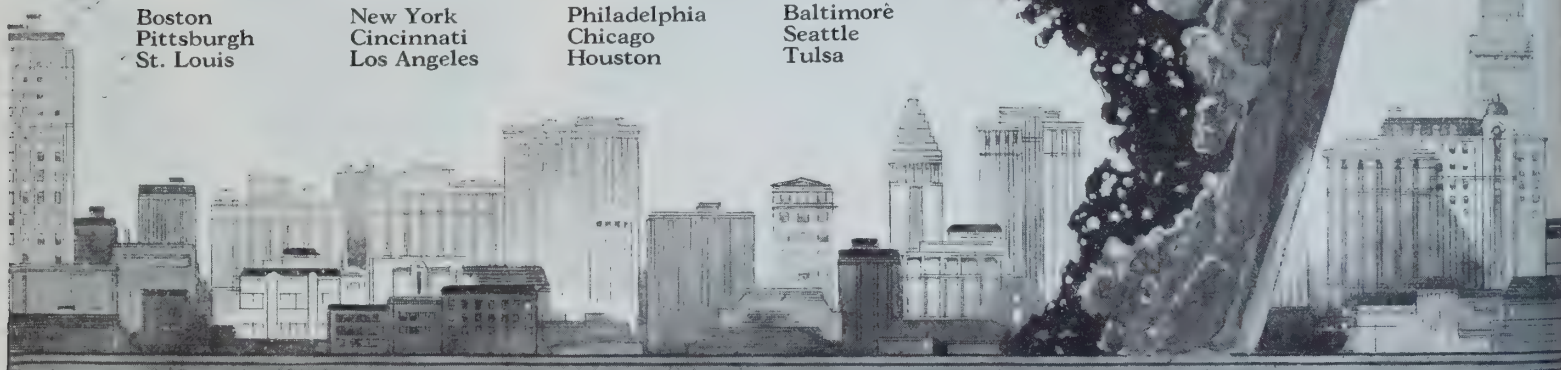
World's Largest Manufacturers of Genuine Wrought Iron Pipe

Boston
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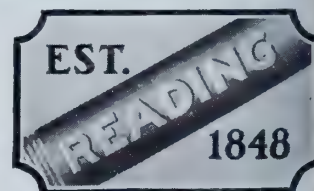
Philadelphia
Chicago
Houston

Baltimore
Seattle
Tulsa



READING PIPE

GENUINE WROUGHT IRON





Construction: Stucco over hollow tile. Built at Birmingham, Ala., at a cost of \$13,500.00

BUILD PERMANENT VALUE INTO YOUR NEW HOME

AFTER you have decided how your new house shall look and how much it shall cost, then—build into it the permanent value of Hollow Tile construction.

After year the initial investment is maintained by the permanency of this method of construction. Resale and loan value is exceptionally high.

Contributing value is found in the ease of depreciation, for Hollow Tile walls do not sag, shrink, warp, or decay, also in the remarkably low cost of maintenance or upkeep. There are no repairs or replacements.

Air cells sealed up in the walls of Hollow Tile provide superior insulation. They present a barrier to heat, cold, moisture, reduce heating costs

and promote sanitary, healthful conditions.

The first cost of Hollow Tile construction is surprisingly low because the large units of tile save material, labor and speed up construction. The exterior may be face tile, stucco or face brick veneer.

A list of manufacturers of Hollow Building Tile contributing to this campaign will be mailed free upon request. You will find one or more located near you who will give expert advice and counsel through your architect, or direct.

Book of Hollow Tile Residences with articles on decoration of home and grounds will be sent upon receipt of twenty-five cents

Hollow Building Tile Association, Conway Building, Chicago

Hollow Tile

The Most Economical Form of Permanent Construction



Construction: First story face tile, second story stucco over hollow tile. Built at Ames, Iowa, in 1922. Cost \$6,400.00



Construction: Face brick over hollow tile. Two and a half story residence built at Louisville, Ky., in 1924. Cost \$35,000.00

SHOPPERS' &

BUYERS' GUIDE

Antiques

BLENNERHASSET HOOKED RUGS in beautiful floral designs. Unusual Antiques, Fascinating Lampshades, painted taffeta, plated chintz, etc. The Blue Door. Marietta, Ohio.

Antiques by mail! Send for priced list many items in Furniture, Glass, Lamps, China, Pewter, Candlesticks, Currier Prints & Lustre, for collectors & Home Decoration. Katharine Willis, 272 Hillsdale Ave., Jamaica, N.Y.

EARLY AMERICAN GLASS—Pewter & Furniture. Some remarkably fine pieces. All authentic antiques in great variety. McKearin's, 735 Madison Ave., N. Y. C.

FLORIAN PAPP has the largest collection of early American Antiques occupying 6 floors at 684 Lexington Ave., N. Y. Tel. Plaza 0378

EARLY AMERICAN FURNISHINGS found in The Katharine Studio at 656 Lexington Ave., New York's most attractive antique shop. Decorating in early American style.

ITALIAN ANTIQUES & DECORATIONS Authentic furniture, wrought iron, decorative paintings, textiles and marbles. Studio of Signor Luigi G. Pacciarella, 164 E. 61st St., N. Y. Regent 8632

Art Galleries

RARE ETCHINGS AND BRONZES also paintings by well known masters. Free exhibitions. Visitors welcome. Kraushaar Art Gallery, 680 Fifth Ave., New York

DUDEEN'S GALLERIES Paintings, American & European We guarantee expert service in obtaining the paintings you personally desire. Your expressed wishes whether by mail or in person will receive prompt attention. Forty-three years experience without charge. 45 West 41st Street New York

GRAND CENTRAL ART GALLERIES— 15 Vanderbilt Ave., Taxicab Entrance Grand Central Terminal, New York City. Paintings and sculpture by leading living American artists.

THE MACBETH GALLERY— 15 East 57th St. March 24-April 13—Paintings by Daniel Garber, N. A. April 14-May 4—Paintings by Robert Henri, N. A. Catalogues free on request

KENNEDY & CO., 693 Fifth Ave., New York. Fine Sporting and Naval Prints. Rare Old and Modern Etchings. Americana suitable for Colonial Homes.

Have Your Paintings Cleaned, revarnished, restored by expert European artist. References from Museums, Dealers, Collectors. Moderate prices. Odeur Roust, 182 Madison Ave., N.Y. Ashland 6749

Architectural Books

A PLAN BOOK with over 300 illustrations. A book of immense value to the home builder. Price, \$2.00 Postpaid. Robert L. Stevenson, Architect, Paddock Bldg., Boston, Mass.

Arts and Crafts

NEW HOPE TAPESTRY BAGS & RUGS Table runners. Hand dyed. Hand woven. Unusual textures designed by The Davenport. New Hope, Pa. Call or Write.

SILHOUETTES by Beatrix Sherman. Artist to the Prince of Wales. Charming likenesses for framing lamp shades and home decoration. Call Circle 8177 after 1 P. M. Studio, 102 W. 57th St., N. Y.

A NOOK where one may obtain fascinating batik & Chinese paper plated lampshades at lowest prices. You'll enjoy choosing your own colors & designs. Prompt execution of mail & city orders. 3 other specialties—hanging wall shelves, ship bookends & charming hand-tooled & painted velvet purses for afternoon or evening use. Come or write to The Gift Nook, 634 Lexington Ave., near 54th St., N. Y.

COLONIAL ART COVERLETS. Exact reproductions genuine old time coverlets. 73x96 in. Small Trail. Olive Leaf designs. Different colors. Price \$15.00 each. R. W. Harman, Tazewell, Va.

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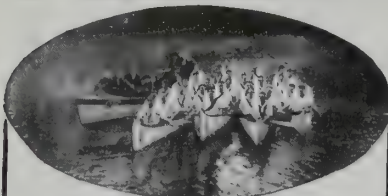
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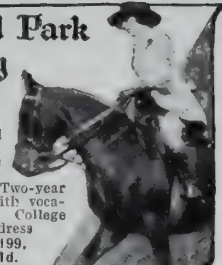
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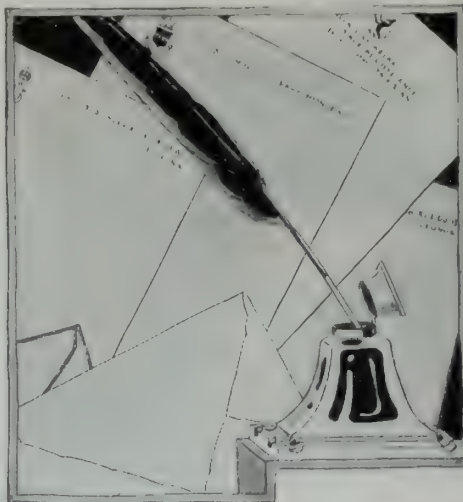
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III
 Mrs. C., who had previously used the Vogue Service, wrote from Switzerland that she wished to spend the summer in France in a quiet spot where her two children might be able to play tennis and still continue their study of French. We were able to put her in touch with a French lady, the head of a Finishing School in Paris during the winter, who was taking some four or five of her pupils to a very delightful and quiet seaside resort near Quimper. Through our efforts Mrs. C. was able to arrange that her children were also to be included in the small party.

IV
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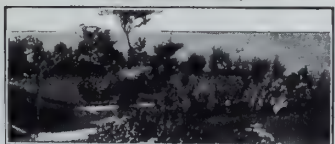
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We are in constant touch with Real Estate men who specialize in selected sections throughout the country—men who can find you the kind of property you want if it is obtainable, or who can sell your property if you wish to dispose of it



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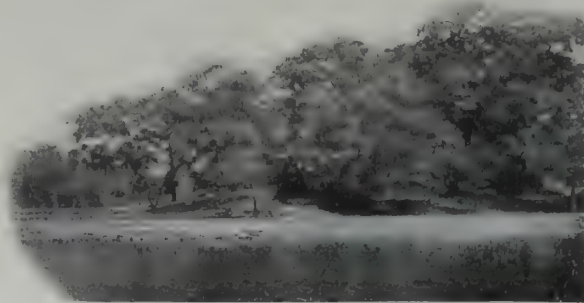
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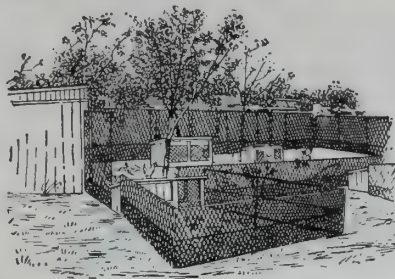
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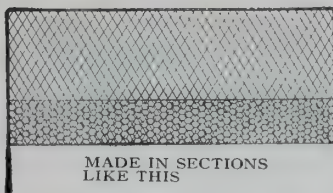
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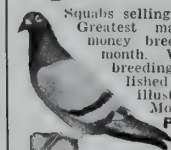


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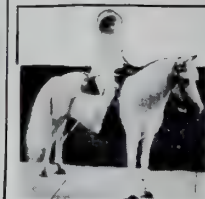
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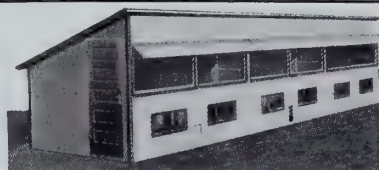
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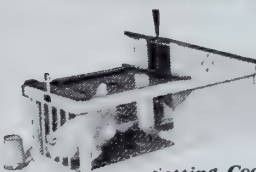
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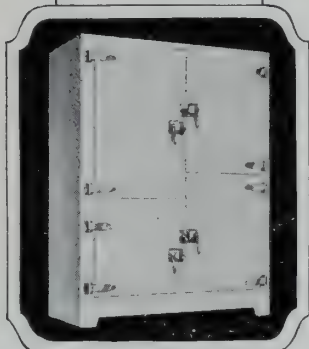
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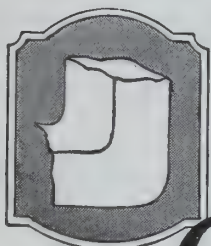
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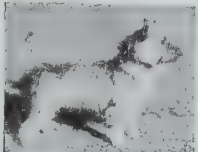
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ROBERT S. LEMMON

CLEANLINESS bears importantly on canine health, for it is a deterrent of skin irritations, germs and the common or garden variety of flea. Also, it helps to prevent a general tramp-like appearance.

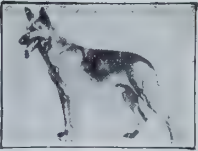
David Harum expressed the opinion that "Some fleas are good for a dog. They keep him from thinking too much about being a dog." The theory, however, is not to be accepted without qualification. Modern investigators say that these sprightly pests are willing carriers of tapeworm eggs, and therefore undesirable for other reasons than their nipping propensities. The connection is obvious: flea bites dog, dog catches and maybe swallows flea in retaliation, infant tapeworm finds new and congenial home. All very well planned and exciting, with a happy ending for the worm, but not the sort of bed-time story that should be encouraged.

Flea destruction, dirt removal and all-around health promotion are served by a periodical bath with warm water and a good medicated dog soap. Start lathering at the head and work downward, for the simple reason that the flea, being an intelligent little beast, hurriedly seeks high ground when a flood threatens and must be intercepted en route. Rub the soap well in with your fingers or a stiff brush, and let it remain several minutes. Then wash out with clean water, rub the whole dog dry with rough towels, and don't let him outdoors for at least half an hour. Other flea preventives are clean bedding frequently changed, olive oil, and insect powder dusted into the coat.

Frequent washing is to be avoided, for it is not good for the coat,



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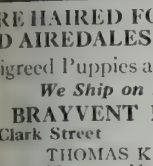


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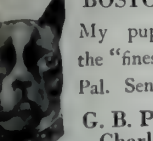
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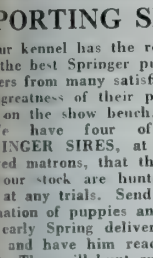
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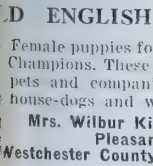
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The Dog Mart Information Service will gladly answer specific questions on dog matters from readers of HOUSE & GARDEN. We are always ready to suggest reliable kennels where purchases may be made, but cannot ourselves undertake to act as buying or selling agents. We issue no price list or catalog. Inquiries should be directed to the Information Service, House & Garden Dog Mart, 19 West 44th Street, New York.

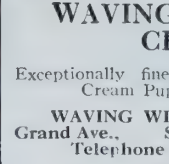


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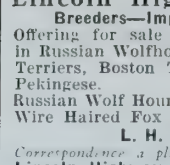
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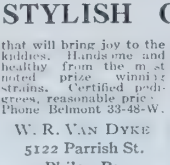


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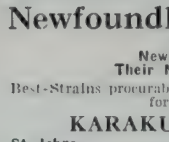


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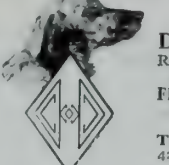
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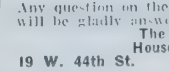
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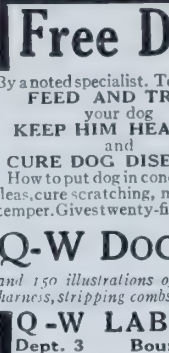
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CHRYSLER SIX

House & Garden



This skilfully designed country house in white-washed brick will appear in the May issue

THIS is an age of ingenuity, a day of bright ideas and clever devices. If there are really fewer new things than we think, regardless of the radio, then we manage more wonderfully than ever to make the most of what we have. We live in the midst of conveniences as modern as they are amazing. And especially to these things make living within the house comfortable and delightful. From cellar to attic the mechanical contrivances of the household have been brought to a degree of perfection unthought of before—unless it be true that the Egyptians have forgotten more than we have ever known.

Heating systems may be almost automatic, controlled from any room in the house, and fed by oil-fuel from an underground tank. Refrigerators manufacture their own ice or use it with extraordinary efficiency. Stoves, either gas or electric, are made to take the curse out of cooking, and there are machines for cleaning dishes and clothes. The problems of light, heat and hot water are problems no longer. In fact, it begins to be embarrassing to take advantage of all the opportunities for leisure offered by these and countless other innovations.

But ingenuity is not confined to the more or less mechanical features. It finds its way quite as remarkably into furniture and decoration. Perhaps here it amounts to simply a quicker artistic perception of the possibilities of good taste. At any rate, a finer ingenuity is being shown in the treatment of interiors. Well designed furniture and splendid reproductions are readily available (a sign of manufacturing ingenuity) and, what is more, are in instant demand. The use of fabrics,

papers and prints in small but effective ways has never been done more ingeniously. In lamp shades, doors, plaques, panels, boxes and various pieces of furniture these materials are being used with fine feeling for their own beauty as well as for that of the things they decorate. Hardly a house fails to contain some unusually attractive arrangement of furniture or some interestingly designed bit of decoration.

Now, all of this hasn't merely happened. Some urge, some impulse must lie behind all ingenuity, and HOUSE & GARDEN is just immodest enough to believe that as a magazine it is not only a mirror reflecting the ingenuity of others, but a source of ingenuity itself. Of course it is mightily important to be such a mirror: a sort of clearing house for the new ideas of designers, decorators and other contributors, yet there is a healthy tang in the actual creation of ideas without which a magazine of this kind would certainly languish.

So we make it our purpose each month to publish the most valuable information available for the person interested in houses and gardens. This is accomplished by keeping in close touch with everything going on in all the phases of building, decorating and gardening, and showing what we consider the best. In addition we try to inject new ideas of our own into our pages in order that we may match the ingenuity we demand of others.

This ingenuity breeds ingenuity, and if you want inspiration for your house or garden there is no better way to acquire it than by merely exchanging thirty-five cents for it with the man at the nearest news-stand.

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NUMBER FOUR

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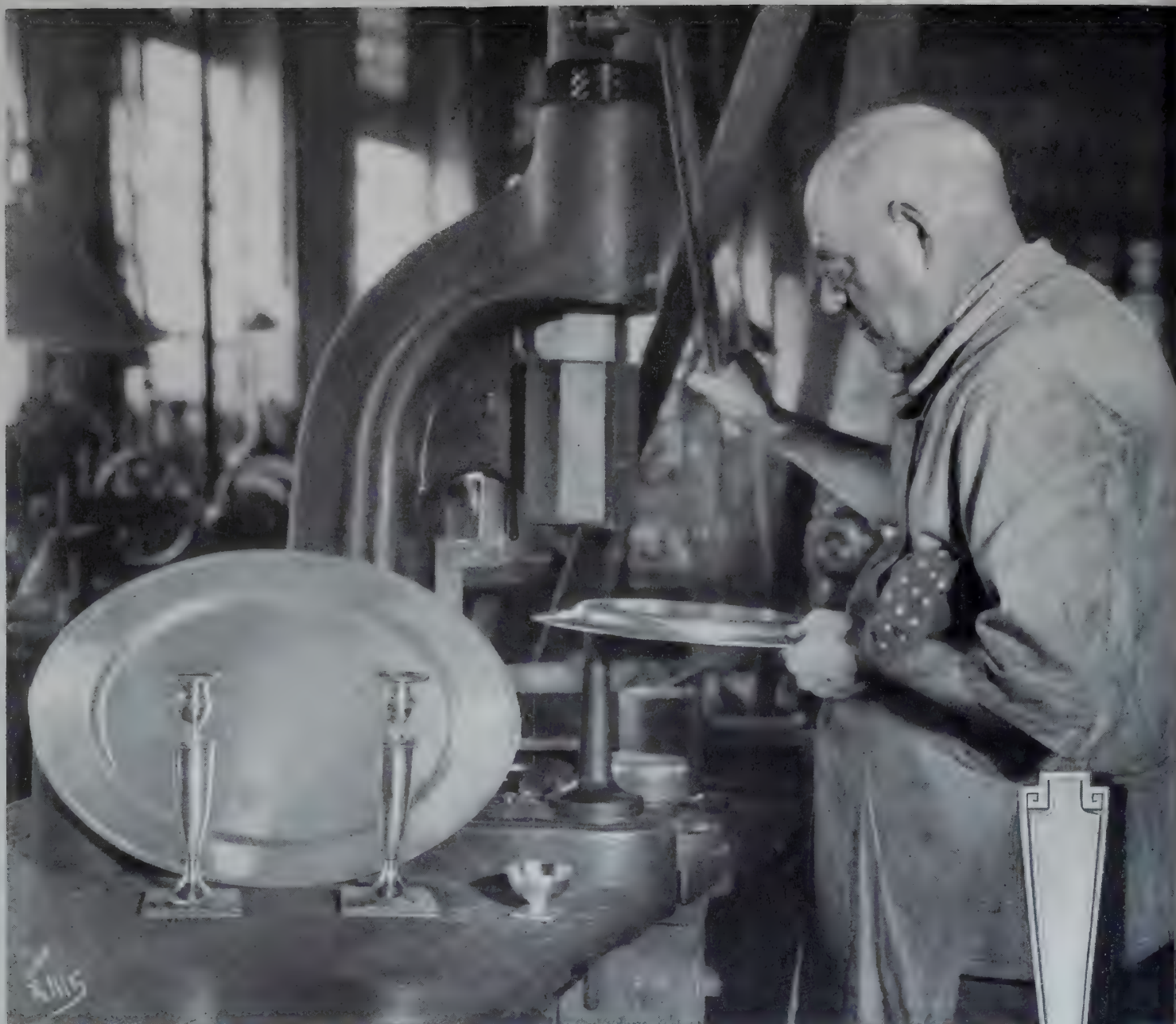
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GORHAM

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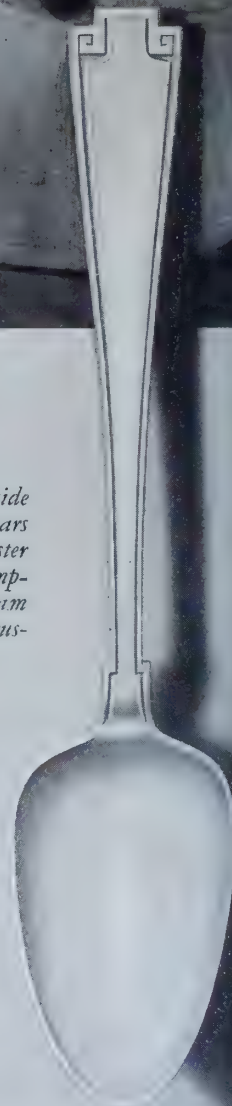
NEW YORK

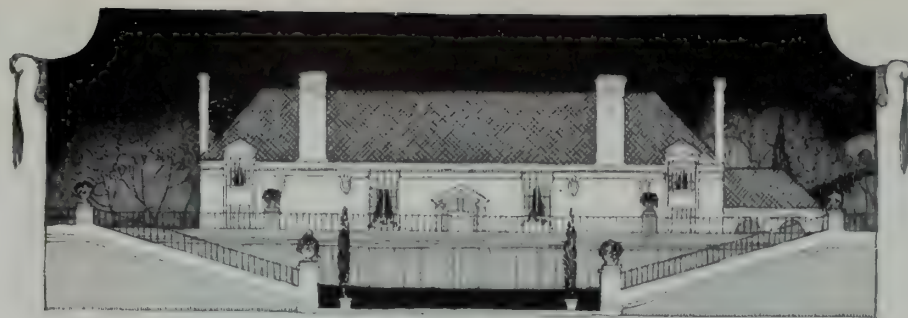
Ambrose Burnside Brown, for 41 years a Gorham master craftsman, stamping the Gorham mark on an Etruscan waiter.

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HOUSE & GARDEN'S BULLETIN BOARD

OPENING a country house in the spring, after it has been closed all winter, is a fine piece of symbolism. Like the voice crying: "Lazarus, come forth!" Shutters are flung back. Sunlight splashes across floors. The sweet air blows in through open windows and doors and drives the mustiness out. Then from their winter hiding come curtains and rugs. This is worn out and that must be replaced, perhaps a room or two will be entirely done over.

Just such a picture we had in mind when we planned the May number. It starts with country house bedrooms, passes on to two pages suggesting lights for the living room, then to a little Portfolio of a delightful Cincinnati home. Fringes and finishings for curtains, two pages of glass curtains, rugs for the summer house, new chintzes, pages of porch furniture—of such good things is part of this May issue composed.



THE gardening pages of the May number are rich in helpful suggestions—a delightfully useful article on window boxes and one on hedges. Mrs. Wilder writes on Color in the Rock Garden and Mr. Wilson on the Honeysuckles. Three pages show beautiful gardens. There will be garden notes scattered through the back of the issue.

Four houses in all find places in these pages—three little country houses and one of larger proportions. Samuel Record writes on the beauty of walnut and Frederick Houston on roofs and eaves. There is also a sprightly article on collecting early American glass.

The objects for Town Betterment to be published in the May number will be street and park benches and community flag poles. The working plans of these will be available as soon as the magazine appears. In the course of the year quite a number of objects will be considered, in fact a year's issues will cover the ground of town betterment thoroughly.



TWO garden books which have helped to shorten the winter of our garden discontent are "A Real A. B. C. of Gardening" by A. J. MacSelf, and "My Garden Book" by John Weathers. Both British in origin—and that's what piques our curiosity. Some parts of these books are immensely helpful; in others the seasons and methods are so different from ours that they are of little use. Mr. Weathers' book is what, in the cross-word puzzle world, is called a "tome", an encyclopaedic work of almost 800 pages generously illustrated; Mr. MacSelf's, on the other hand, is a more convenient volume. Everything you'll ever want to know about gardening is found in the Weathers' book; everything you need to know in the MacSelf. Both authors stand high in their profession, and both are well known for their contributions to the literature of the garden. We can recommend them for a place on your garden library shelves.

THE term "classic" has become a current coin of speech, and as such it is used above, though the difference it connotes is, in reality, non-existent. Classic, as a great French writer has said, is no matter of time or of place. It is the definite canonisation of great work; of all that has come victorious through the eternal conflict of the arts. Shakespeare and Sophocles, the Parthenon and York Minster, alike are classic. The term "Renaissance" is not less misleading. There never was a re-birth of the art of building, nor are there any stylistic divisions in architecture. The artificial border lines of "periods" and "styles" disappear when examined at close hand, and it is only by contrasting extremes, at wide intervals of time, that paper classifications are constructed. Architecture—be it Sumerian, Egyptian, Greek, or Mediaeval—is one and indivisible; a majestic, purposeful movement of evolution throughout the ages. Since all time, the elements of architecture have been the same—walls, floors, and roofs—Rameses, Ictinus, William of Wykeham, and their successors have dealt with these elements each in his own way, moved thereto by the conditions wherein he lived and worked. They had no thought of being "original", or of inventing new types, but carried on their fathers' tradition with such changes as their fancy, the means at their disposal, and the increasing skill and courage of their artisans suggested.



LANDSCAPE architecture in this country has at last reached the age when, to use an old-fashioned phrase, she can "put up her hair". People have long since learned to take the profession seriously and the members of the profession have long since learned to take their calling honorably. It is a distinct proof of development that the landscape architects of New York have given the second annual show of their work. Such a show proves the value of the landscape architect to the community and indicates the part the profession plays in the making of better gardens in America.

A great many well-intentioned and delightful people believe that a garden is made by merely planting flowers, trees and shrubs. For a matter of fact, a garden is made by planting flowers, trees and shrubs according to a well-defined plan. Therein lies the difference. The landscape architect, like the architect, starts with a plan, because if the plan is right the garden or the house can't go very far wrong. The untutored layman starts with the exterior of the house and the general mental picture of the garden—and that is why we have so many ugly and unlivable houses and gardens. People who are intelligent enough to realize the value of a plan employ architects and engage landscape architects for their grounds.



LOOKING at Narcissus plantings this spring will be somewhat like standing beside the bed of an old and true friend for whom the doctors hold out no hope. This coming autumn will be the last opportunity for ordering Narcissus bulbs from abroad. After that the embargo shuts down on them. Alleged to bring in a worm or a disease, they are hereafter to be banned from these innocent and completely healthy shores. It would be a pity for any plant disease to get started here.

However garden lovers may feel about this embargo—and their expressions would make rather caustic reading—the fact remains that, unless the Federal Horticultural Board relents at the last moment, this autumn is the final call. Consequently, take every opportunity this spring to observe good Narcissus plantings—see how they grow naturalized, study the varieties—and then go home and make out an order for all you can afford. It will be especially desirable to lay in some of the scarce and newer kinds, however expensive they may be. Plant these in a bed by themselves—and enjoy their spring beauty for years to come.



OLD DOC LEMMON SAYS—

"DID ye ever stop to think what a consarned big diff'rence they is sometimes 'tween the fust day o' Spring an' the fust Spring day? The Almanack sez as how Spring begins 'on March 1st, which like as not is colder'n January. Only fer what the book sez, it's still Winter, an' looks as if it was goin' to keep right on bein' Winter.

"But the fust Spring day is sometin' else ag'in. Mebbe it'll come in late Febr'y, er March, er April—it don't pay much 'tention to the calendar. An gosh, it's welcome!

"Ye know how 'tis—snow meltin' in rivers, a bluebird singin' 'over in the orchard, mebbe a bee er two buzzin' 'round the pile o' damp sawdust on the sunny side o' the woodshed. No wind, an' the sky a sort o' warm blue. A woodpecker's drummin' on a dead branch down in the swamp woods; seems like ye could hear him a mile. In the yard the hens talk sort o' low an' friendly-like, an' the pigeons—wal, it makes ye feel lazy jus' to watch 'em sprawled out on the slope o' the barn roof, cockin' one eye up at the sun.

"Ye c'n have all the fust days o' Spring ye want, long as ye let me have the fust Spring day!"



IN *The White Monkey* John Galsworthy describes one of his characters as having a room with a copper floor. A Chinese room it was, and the floor was apparently made of copper plates. Which we considered to be about the most expensive, ugly and impractical sort of floor we've yet encountered. Imagine keeping such a floor burnished! Imagine keeping the children from licking it! Or, imagine such a floor under your feet. As a decorator Mr. Galsworthy is a first-class novelist



THE TALL ROOM

The high-ceilinged room is not easy to furnish and yet, in the studio of Carroll N. Tyson, at Southwest Harbor, Me., it has been accomplished by keeping the furnishing low except for the long window curtains and the column of ship pictures. Edmund B. Gilchrist, architect



WHAT SHALL I PUT ON THE TABLE?

*The Answer to this Oft-Repeated Question
Will Be Found on the Following Three Pages*

CHAMBERLIN DODDS

WHILE a strict adherence to any one period is the last thing to be desired in planning the furnishings of a room, it is obviously necessary to preserve something of the character of the decoration when choosing the various accessories—those important little things that contribute so much to the charm and livable aspect of an interior. A Louis XVI cabinet, for instance, filled with early American glass is as incon-

gruous as a delicate painted Venetian secretary appointed with Elizabethan writing materials, no matter how beautiful the various objects may be in themselves.

The first thing to be considered when

The maple table below, suitable for an early American living room, shows an interesting arrangement of glass, china and small objects of the period.

Chamberlain Dodds, decorator

selecting the accessories for the various living room tables is the lighting equipment of the room. If the main illumination is supplied by lamps, there must be a sufficient number of these to disperse an even light. See that there are comfortable lights to read by—a small table by a sofa, for instance, and a larger one by a comfortable chair should have rather low lamps, with shades that throw the light down. The





The French table desk above, in addition to the necessary writing equipment, is fitted with a Directoire column lamp, an old tôle box for cigarettes, a small vase of flowers and some books. Chapin, Harper & Dutel, decorators

lamp or lamps on the main living room table can be larger and more important in character, with shades to accord with the color scheme of the room. After the proper lamps have been selected, then come books and flowers—these at least know no period—and finally the various what-nots and why-nots that give a room its character and individuality.

The lovely old Italian tables of the 16th and 17th Century give one a wide scope in arrangement, from the formal carved wood candelabra or bronzes to the hit or miss groupings of old books, small chests, convenient small braziers for cigarettes and matches, and bowls of Venetian glass fruit. This latter accessory, to which may be added laurel leaves for a note of freshness, is useful for



An effective side-wall group for a living room is shown above. Here an old chest is used as a table, set with an interesting arrangement of necessary and decorative objects. It is in the New York home of Harry C. Richardson



G. W. Harting

the bit of gay color it supplies. It is quite permissible to lay out the last magazines and interesting brochures, and if preferred, folios covered with the charming hand blocked Italian papers now available. Small old book bindings made into cigarette boxes and larger bindings for photographs are useful as well as extremely ornamental. Old brocades or modern reproductions of Genoese and Venetian velvets, bound with galloon and gilded with tassels, give warmth to the room.

(Continued on page 156)

A small maple table in the same house holds an amusing array of early American objects—an old plate with a ship design, a pair of Staffordshire dogs used as book ends, a mauve and white flower vase and a small Bristol glass box



Harvey White

The small table beside the comfortable chair in the charming group above holds a potted plant, a graceful metal lamp and a small ash tray. Mrs. Buel, decorator

Antique pezzeter and jade ornaments, an 18th Century wall clock and a map framed in lacquer red, accord pleasingly with the old Korean chest at the left

In the New York home of Pierre Dutel is an old Brittany cupboard used as a side table in the dining room. The vases and fruit bowl are tôle, painted a rich, dull red



G. W. Harting





Gillies

The house, Georgian in feeling, has been executed in native stone so pointed up that it appears to be whitewashed. Canopied bay windows and entrance portico are features of an era later than the Georgian times. The lattice-filled doorway proves another and a pleasing innovation

Throughout the main rooms the backgrounds are dignified Georgian in style. On the other hand, the furniture, chosen by Mrs. Carstairs, is French, some of it Empire, thus giving these rooms a lighter touch. In the living room the walls are old blue with ivory white mouldings and trim



The paneling of both the living room and dining room is made by the simple device of moulding on a plaster wall, with carved swags on the chimney breast. The dining room walls are an old yellow



THE HOME OF J. H. CARSTAIRS *Ardmore, Pa.*

JOHN RUSSELL POPE, *Architect*



The entrance court is walled. On this side of the wall lie the terrace and rose garden. An iron gate leads to the terrace. From the terrace steps lead to the rose-paneled garden, whose central feature is a pool

In the courtyard before the entrance, shown on page 63, is this long pool, with the driveway passing each side of it to the gate. Box is massed at each end, and the pool is flanked by low-growing perennials



T H E N A T I V E S O N

To Know Them and Their Ways Is One Of the Great Delights of Country Living

THE mason who has been laying up a wall for us announced that when he reached eighty he was going to quit work. As he still had quite a distance of wall to build and as his eightieth birthday was only a week off, he must work fast. A strange wall that—a drunken sort of wall, straight here and crooked there. The old man's eyesight isn't as good as it used to be. Nor is his hearing; he is stone deaf. We had to write messages on bits of paper, and then he had to search around for his specs and, like as not, he couldn't read the messages correctly. Besides, he was headstrong; he had been laying up walls long before we were born, and you can't tell a man with all that experience that his wall is crooked.

Last summer, on a languid August day, he was seized with romance. In the midst of work he stopped to tell us that sixty years ago, when he was buying horses for Grant's army, he met a girl. Oh such a girl! And there he stood, in that August sunlight, wondering what had become of her. He didn't come to work the next day nor the next. A week later he returned. He wore a new cap. He had a collar and a tie, and he carried himself as one upon whom a woman has looked with favor. She no longer lived where she used to, he reported, but he had found her grandniece, and from that clue traced her up to Vermont. What an autumn romance! After questioning him on bits of paper he finally acknowledged that she was unwed; that he had proposed, but that having already survived two husbands, she wanted a little time to think it over. So he came back to work while she was thinking, back to the stone wall that is straight in some places and crooked in others.

Well, finally, his old love answered him. She had thought it over and had decided that two husbands were about enough. The old man took it hard for a time then he turned to work as a surcease from his grief. That stone wall was his salvation.

NEIGHBORS and city folk who come up to see that stone wall chide us for having employed such a poor mason. We could have brought up a city mason, they say, who could have done twice the work and done it correctly. But could we have found another with such romance?

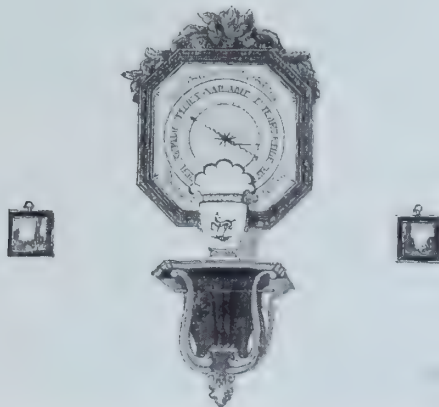
That is one of the first delights you have on going to the country to live—the contact with the native son. And the older and queerer the native is, the more the delight. For there is something about the canny innocence of the native countryman which compensates for his inefficiency, his slowness, his prejudices. Make him your friend, and he is loyal to the death; ignore him and his attitude is dangerous.

ALTHOUGH the countryside has long since been enlightened the old feud between town and country still persists. Motors and radios and movies cannot entirely wipe out the hereditary prejudice: the city man is to be spoiled, the way the Israelites spoiled the Egyptians. And the methods may not be honest, either the code of ethics is discarded when the city man heaves in sight. Then, gradually, the native son loses his prejudice, if he's handled aright; gradually his distrust passes to friendliness and from friendliness to loyalty.

Employing a native gives one the same friendly feeling that one has toward a walking stick which he has cut from one of his own trees. That feeling is difficult to describe; it is a sort of kinship. It is the sort of feeling a man has when, having wandered far away from his home, he finally returns to it. Perhaps, after a while we who live in cities, are members of lost tribes, strayed away from our native heath. And when we come back to it, the native treats us just as he treats one of his own kin who goes off to the city to live and then comes back. Suspicion mingles with curiosity, prejudice with pride.

THE city man—you find this especially true of American city men traveling in foreign lands—is apt to judge the culture of a strange place by its standard of sanitation. We have become obsessed, we city folk, with modern plumbing and with modern conveniences generally. We forget that other worlds have other standards, and that the standards of the country are things you rarely think about in town. The straight furrow, the abundant stand of corn, the healthy live stock, the productive chickens, the neatness and order of a barn, the capacity of a hayloft, the condition of farm implements, the richness of the soil—on such things the standards of the country are based. And until you appreciate their worth, you cannot understand either the vernacular or the standards of the native. And, until you adopt some of the standards, the native will not adopt you.

There is a phrase that we apply to men who lose their sense of civilization; we say that they "go native". A man gone native in a primitive land is something to blush for; but there is a way of going native in one's own land that may be a source of pride. You may return to the country and find there the full satisfaction for the needs of your life. You may surround yourself with native folk who understand you and whom you understand. You then attain a peculiar state of bliss. You may even attain a state of ignorant bliss. You may even be satisfied with a crooked wall. Well, what if the wall is crooked, so long as it was laid up with hands that can still caress the same girl after sixty years!





Gillies

IN THE VERNACULAR OF PENNSYLVANIA

Each district of the country has acquired or will eventually acquire its own interpretation of architectural styles, its own dialect or vernacular. Thus, the home of Mr. J. H. Carstairs, at Ardmore, Pa., typifies the Pennsylvania vernacular of the Georgian style. John Russell Pope was the architect

P A N E L I N G W I T H P A P E

In Place of all-over Effects It is Often Advisable to Have Only Partially Covered Walls

NANCY McCLELLAND

WHAT lovely painted doors!" exclaimed a visitor to a new house, as she was ushered on her tour of inspection into a small dressing room lined with cupboards.

The hostess laughed. "It isn't paint—it's wall-paper", she said frankly, "we got a good design; cut and fitted it into panels; finished it with a narrow paper moulding, and shellacked it. That is the secret of my lovely painted doors!"

The same visitor stood later in the living room of an old Long Island farm-house, admiring a quaint picture that had been

paneled into its place above the mantel.

"You know what it is, don't you?" explained the proud mistress of the house. "An old wall-paper fireboard picture that I found in my grandmother's attic. She used it to screen the empty fireplace in the summer time. I have paneled it in as my mantel decoration, and I'm proud of it. Could anything suit the room better?"

A New York apartment yielded another new discovery. On the long wall, back of the side board, was a colorful landscape panel with green foliage, a prancing white horse, ladies in flowing robes. "Is it a

tapestry?" the visitor asked—cautiously this time. "No, it's a fragment of an scenic wall-paper", came the answer. "Just enough, fortunately, to take the place of a tapestry in this room."

There seem to be a hundred new ways using wall-paper today, apart from its utility for minor decorative objects like lamp shades, boxes, desk sets and screens.

Small wonder that it has been whimsically called the "tapestry of the poor", because of its extraordinary capability giving the effect of a much richer and more costly decoration. At this particular r



Mary A. Williams

A Chinoiserie panel treated with a wash of orange shell, to give the effect of an old Chinese painting, makes a singularly effective over-mantel decoration in a bedroom. It is in the home of Mrs. J. E. Preston, in New York City.



M. E. Hewitt

Old paper panels make a dignified wall decoration for a small dining room in the New York home of Leigh French. The background is marbleized to give the illusion of statues standing in niches

ment, when architects, mural painters and interior decorators will all bear witness to the fact that the decorated wall is steadily growing in favor, wall-paper is a valuable asset, worthy of careful consideration.

As in the case of many other decorations, however, one must have real knowledge and appreciation of wall-paper in order to get the best results. Used without special thought, left to a paper hanger to install according to his own notions, wall-paper is simply wall-paper. Used by an artist of fine discrimination it may be made to take the place of tapestries, of printed fabrics, of woven stuffs, or even of paintings and statuary. To a certain extent wall-paper actually gives a room the effect afforded by these decorations which it imitates.



D. B. Merrill

In the New York home of Agnes Foster Wright a charming wall paper panel of a cupid standing on a pedestal and bearing a basket of flowers on his head has been used in a small hallway

It is only recently that we have learned the delight of partially-papered walls, as compared with walls that are wholly covered with paper. We have just discovered that what is left out accentuates and enhances what is there. Yet, as a matter of fact, the use of wall-paper in panels is a well-known fashion of the eighteenth century. Not everyone, even in the luxurious days of the Louis, could command a wall decoration specially painted to order by Watteau or Boucher or one or another of the famous mural decorators of the century. Wall-paper done in delicate arabesques or studied designs offered an inexpensive substitute for the works of the great artists. So came the fashion of setting paper into wood-panelled walls.

(Continued on page 150)

COLOR SCHEMES FROM OUT-OF-DOORS

*Suggestions for the Treatment of Five Different Rooms
Inspired by Freshly Colored, Gay, Flower-Filled Chintzes*

ANGELICA PAGE

FOR A LILAC BED ROOM

A COLOR SCHEME for a lilac bed room might consist of the following:

Fabric: Cretonne (shown at right). Putty ground with slight mauve cast. Sprays of lavender and mauve lilacs. Small pale yellow roses and gray-green leaves.

Walls: Pale pinkish mauve with woodwork to match.

Curtains: Cretonne, made with narrow pleated ruffles of mauve taffeta. Under curtains of écru colored net.

Furniture: Bed painted gray-green with blue lines. Yellow strié taffeta spread corded in mauve. Chaise longue in mauve taffeta with pillows in blue corded in pink. Dressing table painted
(Continued on page 142)



For a Lilac
Bed Room



FOR A NARCISSUS BED ROOM

A color scheme for a Narcissus bed room might consist of the following:

Fabric: Semi-glazed chintz (shown at left). Broad stripes in background—white and light apple green. White narcissi. Leaves in green, blue-green, and reddish pink. Sprays of small bright blue flowers. Touches of yellow occasionally.

Walls: White plaster, with woodwork painted apple green.

Curtains: Narcissus chintz bound in deep rose red and looped back over pink glass tie backs. Under curtains of white organdie with fluted ruffles.

Furniture: Mahogany bed with spread of blue taffeta or poplin, scalloped and bound in deep rose red.
(Continued on page 142)



For a Narcissus
Bed Room

FOR A TULIP ROOM

A color scheme for a tulip room might consist of the following:

Fabric: Semi-glazed chintz (below). Ground peach color with tulips in violet, deep rose, yellow and white. Dull green leaves. Pot in medium brown with touches of yellow. Because of the formal character of this pattern the walls should be paneled and painted dull violet with green moldings.

Draperies: Tulip chintz bound with plain violet glazed chintz. Under curtains
(Continued on page 142)



For a Tulip Room

For an Early American Dining Room

FOR AN EARLY AMERICAN DINING ROOM

A color scheme for an early American dining room might consist of the following:

Fabric: Chintz (above). Sand ground and long sprays of fox gloves in plum color, purplish blue and purple. Some yellow in design. Soft green leaves.

Walls: Sand color. Woodwork the same tone with line of blue in moldings.

Curtains: Chintz bound with purple. Under curtains of écru organdie or dotted Swiss made with ruffles.

Furniture: Maple table and open dresser. Chairs with painted flower decorations on
(Continued on page 142)

FOR A ROSE MORNING ROOM

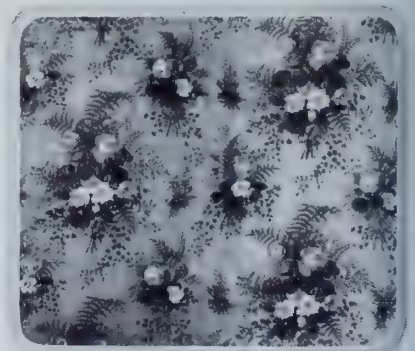
A color scheme for a rose morning room might consist of the following:

Fabric: Semi-glazed chintz (below). Soft green ground. Clusters of deep pink roses and white wild roses. Ferns in blue and blue-green. A little plum color in the design.

Walls and Woodwork: Soft pale pink.

Curtains: Chintz bound in blue. Under curtains of fine cream net or shell pink gauze.

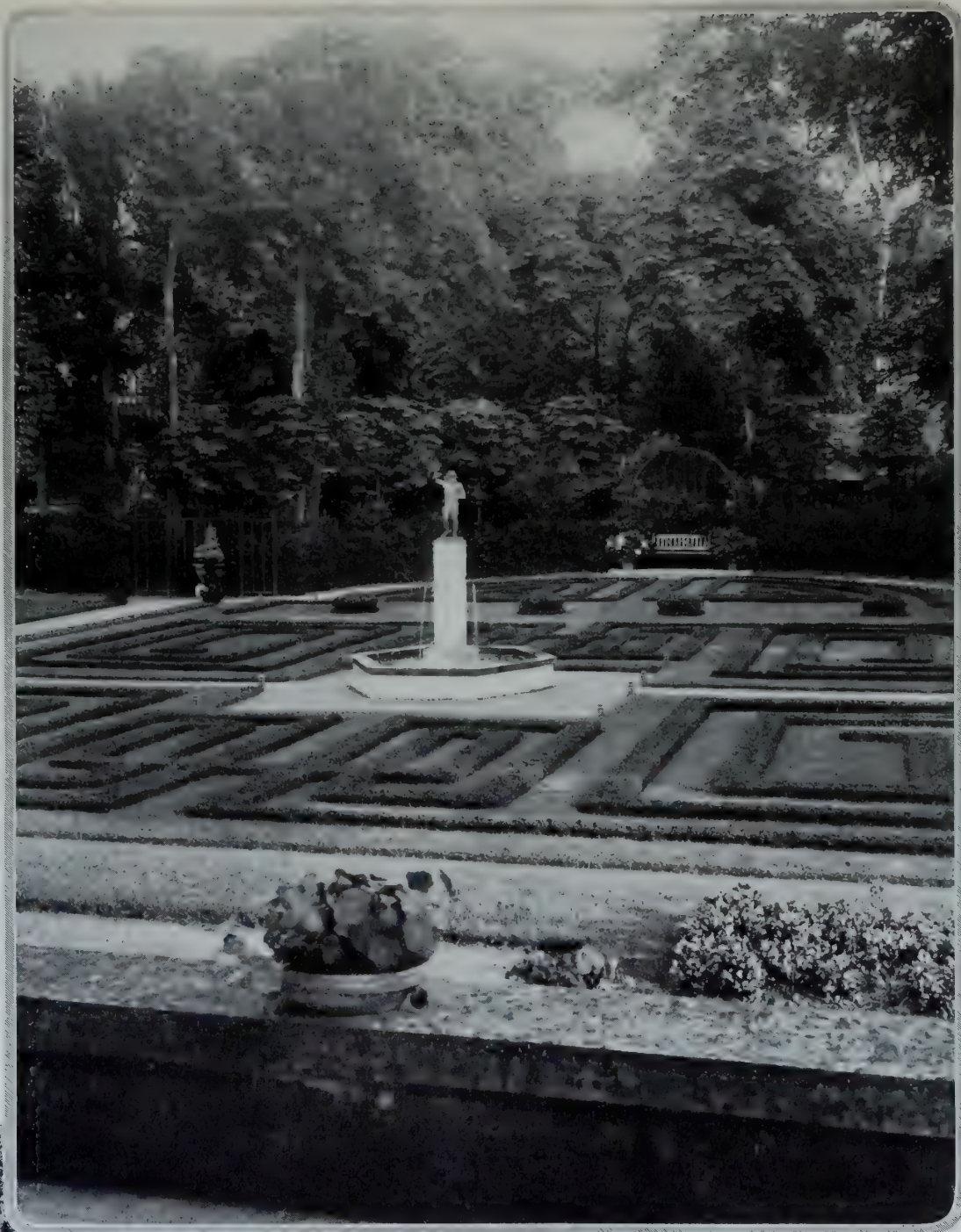
Furniture: Overstuffed sofa in plum
(Continued on page 142)



For a Rose Morning Room

THREE PAGES
of
BEAUTIFUL
GARDENS

*In France,
England and America*



In France there are signs of the return of the formal parterre in garden design. Against a background of heavy trees closely planted is laid out this flat area embroidered with an amusing design in low clipped box. It makes a beautiful setting for the fountain

Comparable with the French garden is the treatment of this English orchard with its broad, flagstone pavements and its flower beds at regular intervals, edged with box. Imagine this orchard in bloom—first the Apple blossoms, then the beds of Tulips, perennials and annuals!



Two glimpses of an English garden show first the Tulips against the green walls, then the same beds in summer filled with Snapdragons and other annuals



A near view of one of the beds shows yellow Darwin Tulips lifting their garden chalices above the harmonizing ground cover of double blue Forget-me-nots



Italy



The perennial side of Mrs. Wilder's garden is a series of terraces built along a bank, with stone-retaining walls and with a background of trees and shrubs. Here are beds given to Iris and Peonies, to Roses, to Lupins and Delphiniums and all the interesting types of herbaceous plants

The garden shown on this page is the perennial side of Louise Wilder's garden at Bronxville, N. Y. The middle part, which is a sunken garden, has irregularly shaped beds of Tulips growing behind Sweet William. When the Tulips gone, the Sweet William carries on the garden color

GEORGIAN VALANCE

Embroidered Pelmets Revive a Work for the Needlewoman and a Phase of Old-fashioned Decorating

MARY WORTHINGTON

IF ONE looks into the matter, it is mostly from France that our popular styles in fabrics come. But it is the more discerning public that can adapt a less popular style, and one from England now promises to suit our taste. It is the use of the Georgian pelmet—a strip of needlework used as a valance for curtains.

Needlework, in all forms, has become popular, as the footstool covers and fire screens of *gros* and *petit point* bear witness. Crewel-work curtains are found to be charming used with wooden paneled walls. The richness of varied colored wools and the rather heavy texture of a needlework pelmet are set off beautifully when used next to woodwork, preferably in its natural finish, not painted. The molding should be rounded and heavy, if the pattern of the pelmet is heavy with color and design and if the worsted is of a thick quality.

Pelmets can easily be used now, as there is a revival in designs. They are worked out on canvas in long strips. A much more handy and less bulky bundle to carry around, for working in an idle tea hour, than a large seat cover or fire screen! The stitch is a simple cross-stitch or perhaps a tapestry-stitch. The design should be graceful and flowing, as, for instance, on a green background a conventionalized vine of Lilies or Morning Glories. The pattern and color of the undercurtains should be taken into account before deciding on the pelmet. The color of the curtains should be brought up into the pelmet. For example, a green taffeta curtain might have a darker green or a *tête de nègre* binding. The background of the pelmet should be green, a lighter tone than the curtain, and a plain edge of brown should be worked in, as a narrow border. The length of the pelmet is determined by the width of the window, and I prefer that the border be

worked all the way around, as it will thus look more finished, being completely enclosed. If the pattern is continuous, it looks as though the lengths had been bought



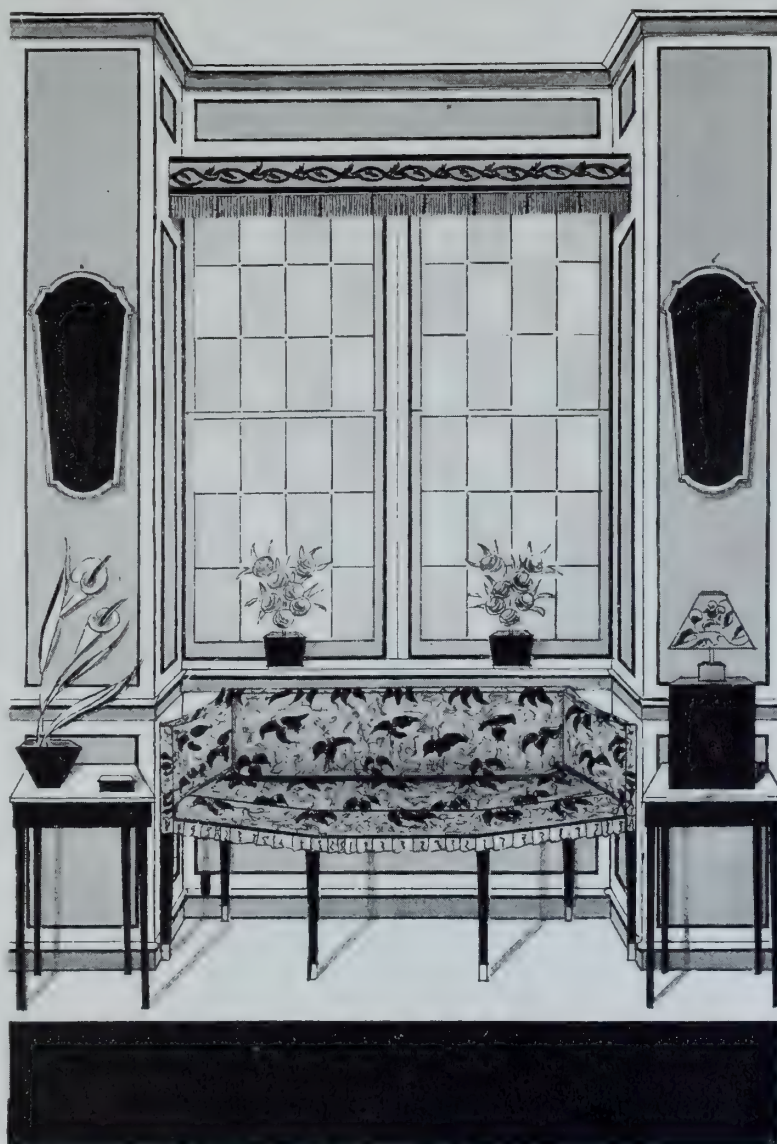
A sun and stars embroidered in yellow on a pale blue ground make a cheerful top-piece over blue glazed chintz curtains

by the yard and just cut up to suit the window length. The border frames like a flower picture. On the other hand many long strips, sometimes of several yards, can be picked up at antique shops and cut into strips; these make charming pelmets. As a rule, these were done in the Victorian or Georgian time, and the wool is still bright, as it was of excellent quality.

One can often find long and narrow strips, perhaps too narrow for a large window, and may add a woolen fringe to deepen it, as illustrated in the sketch of the bay window. This strip had a border, so it had to be bound with broad cloth. In windows such as these where no curtaining is needed in daytime, the pelmet conceals a roller shade of heavy brocade or holland which, when drawn at night, tones in nicely with the colors of the valance. If one prefers, a heavy damask silk can be used as draw curtains. Generally, however, with the gayness of the pattern of the pelmet a plain curtain, without design, is preferable.

Sometimes, when the pattern is a strong repeat design, the linen curtains of a conventionalized design are effective. For example, the color of the background of the pelmet, if bottle green, with the design in tan and rose, could be combined with a rose and tan linen or chintz, with a little green in it. Or the background might be deep brownish orange with a Bermuda blue design and the cretonne could be a combination of orange, blue and green. If the pattern of the curtain is confusing or indefinite, the tones and design of the pelmet should be definite and arresting.

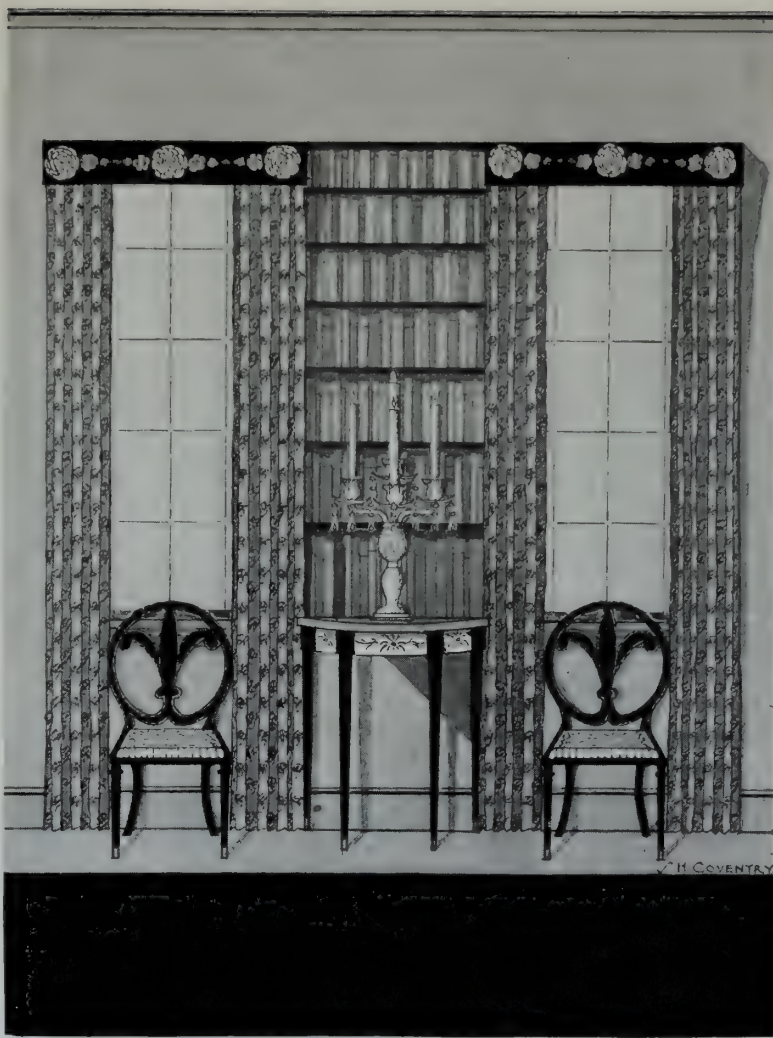
The pelmet should be



A valance of needlework with a heavy silk fringe gives dignity to a formal bay window of a sun parlor. The window is uncurtained

note of real value in the decoration of the room. I have in mind a beautiful China blue, only to be found in old worsted, with a design of Lilies in white and soft gray with green leaves. The undercurtains, which have enough fulness to allow them to hang in deep decided folds, are of the same China blue color in glazed chintz. The crispness of the texture of the glaze sets off the wool of the needlework to its greatest advantage. Another in tones of Burgundy red, a real Victorian "afgan" color has a vine of sage and leaf green. The curtains below are of dull upholsterer's satin in the sage green. The wine color positively scintillates as thrown against the soft green. A fine sunfast sateen of heavy texture would prove an excellent material to combine with needlework.

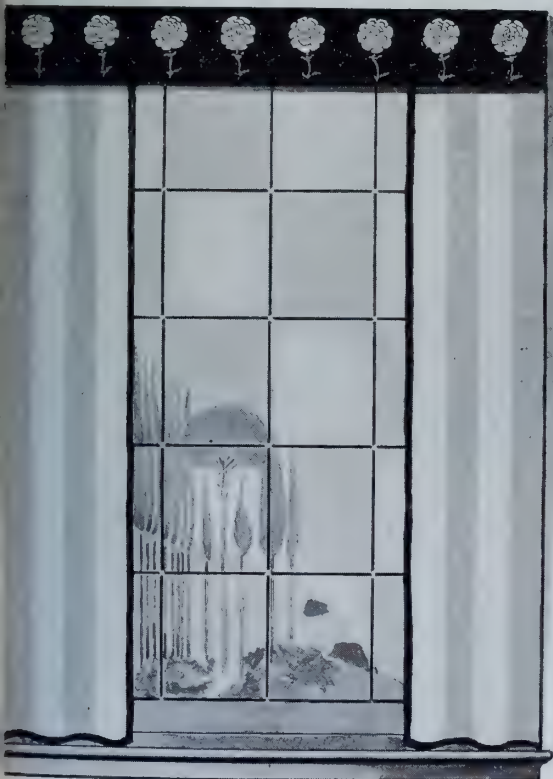
If one finds the stitching of an entire needlework background too tedious, a pattern of needlework can be applied onto a flannel or broadcloth or felt background. The same material



(Above) Roses worked out in graduated sizes and in natural colors make an original and inexpensive finish for glazed chintz curtains of any floral pattern

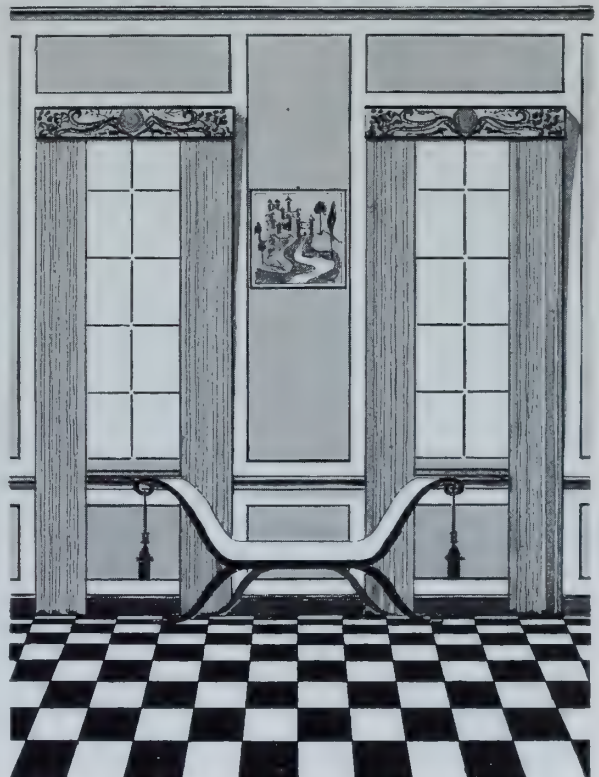


Embroidered pelmets can follow any design or color scheme desired. This pattern might be worked out in old gold on a brown ground, following an old pattern



(Left) For a bedroom valance in a country house one might embroider a row of stiff little flowers in white or natural colors on a blue ground. With this the curtains could be a pale blue and white glazed chintz

These valance boards, after an 18th Century design by Adam, have a white ground embroidered with silver, gold and violet. The curtains are of heavy violet and white silk. These are suitable for a formal type of room



is used to bind the plain rep, used as draperies.

After the needlework band is finished it should have a lining of sateen, with a tape through the top to slip the rod through. If the pelmet needs strengthening an interlining of buckram may be used. This may be tacked onto the window casing or to a regular valance board.

For a library one might do a few of Aesop's Fables and let one's fancy run riot. Animals always look better than humans in needlework. They have a *naïveté* in their *gros point*, which is often more charming than the sophistication of *petit point* faces of crusaders and spineless demoiselles.

Pelmet stitching can be the alluring accompaniment to the rocking chair gossip of the hotel piazza, and one feels in using them a jump ahead of a new fashion in interior decorating. And rest assured that the antique shops of New England and old England are sure to dig up treasures for the pelmet-prying public.

L I G H T I N G T H E P I A N O

*Some Suggestions for Dressing This Instrument
So That It Becomes an Object of Decoration*

MRS. SOMERSET MAUGHAM

A PIANO in a living room or music room is apt to be the proverbial white elephant in furnishing—only the horror is generally black. A white lacquered piano—the “blanc de chine” white—not “white of snow,” or “white of flour,” might be a thing of beauty. I have seen such a piano in a London house but the creation was the whim of an æsthetic millionaire who had it fashioned to go with some red and white Queen Anne pieces in a setting of robin’s egg blue. Most of us, the people who possess a piano because life wouldn’t be worth living without it, and the others who own one because “the mountain of music” has always been in the scenic setting of their lives, must be content with the ebon variety.

The voice of the piano may have

Brocade is used for the covering of the piano in the view to the left. A floor lamp by the piano and candelabra on each side light the keyboard



charms for the savage breast but the silent wooden servant in the corner of even the most spacious room arouses the ire of the furnisher who is trying to make the room a graceful harmony of form and color. Any piano younger than the spindle-legged pianos of our great grandmothers is an ungainly decorative object. Then its color is against it. An inky pool, yards in circumference, is sure to bring discord into any color arrangement. How can we combat its ugliness? What can be done to hide some of its glistening surface? The interior that is being built according

(Continued on page 126)

A mirror over the piano reflects light from the chandelier and a floor lamp lights the music. Mrs. Maugham is the decorator of these rooms

In the room below the piano is lighted by a lustre chandelier in a small alcove at the left and by shade candelabra on each side of the performer



A LITTLE PORTFOLIO OF GOOD INTERIORS



This entrance hall in the home of William J. Ryan in New York City is given unusual architectural interest by a graceful arched doorway hung with curtains of decorative figured chintz. The paneled walls here are antique ivory in color but the drawing room beyond has plain painted walls in a soft shade of blue-green. Bradley Delehanty was the architect



G. W. Harting



A striking linen with an arbor design amid a charming profusion of garden flowers makes the bedspreads and curtains in this guest room in the New York home of Mrs. Harry Horton. The walls are apple green and the dressing table green, raspberry and soft cream taffeta

At the left is a man's bed-sitting room with tan walls and a tête de nègre carpet. This coloring is enlivened by Jacobean linen curtains in green, orange and mauve, and upholstery in orange velvet. In the New York home of Dixon Boardman. Agnes Foster Wright, decorator



This corner of a man's room, another view of which appears on the opposite page, shows an old Sheraton table used as a desk, a comfortable arm chair done in green wool, and a practical daybed covered in striped silk, in a tone lying between that of the tan walls and the carpet



A large room in the same house is divided into a library and music room by a pair of fine old Coromandel screens which inspired the flame, rose and coral tones of the upholstery and curtains. The walls are done a pale pink. Agnes Foster Wright was the decorator of both rooms

APRIL WORK in the ROCK GARDEN

*The Beginning of
Abundant Bloom*

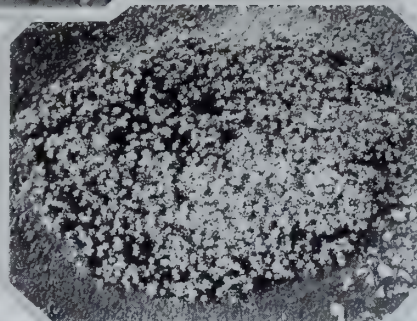
LOUISE BEEBE WILDER



(Above) Hardy Candytuft, which is easy to raise from seed, is part of the rock garden's Spring display. In Spring it usually needs a light clipping back to keep it from getting scraggly

Campanula garganica pallida is easily divided in Spring and used for filling bare spaces

(Right) Saxifrage Tolmie, a mossy type, enjoys a spring dressing of sand and leaf soil



LONG before the April day when the first green notes appear there have been expectations of visits to many rock gardens. Though battered down with snow, or lying snug beneath a shrouding blanket of leaves or sawdust, or hay, a mysterious sense of promise seems to float above the humped and gullied masses, a sense of life and of things happening. And if you go thither at almost any time during the winter and very early spring and lift a corner of the blanket, or dig a hole in the snow, you will seldom be disappointed. Quite certainly you will find something green and fresh and heartening to look upon, if only a moist, fresh Primrose leaf or a solitary Snowdrop, furred and budding, biding its time.

Early in March, if this crusty month is not too bitter cold, investigation may bring to light ranks of green and white crystalline Snowdrops, Christmas Roses ready to blow little heaps of green gold nuggets that are the buds of the Adonis, unnumbered points of brilliant green sent up by the little bulb. And if the snow be not too heavy winter Crocuses are thrust through and brush the whiteness with purple shadows.

This is perhaps the most intriguing season of the year to the gardener—to the rock garden it is the most perilous. The desire to lay back the winter blanket and allow this impatient budding and blowing to go on without let or hinderance amounts to a fine frenzy. But this is exactly what must not happen. Such dire consequences follow upon a too early or too hasty uncovering that too much cannot be urged against it. I have seen a newly unblanketed rock garden, its surface sprigged with fragile blossoms and freshest green, burned almost black under the cruel switching of the wild spring winds a few hours after its release.

The beating, drying winds are the scourge of this early season. The secret of safety is to remove the covering by slow degrees, thinning it day by day—one's eye to the weather—letting in those sharp breezes little by little in order that the coddled plants may become gradually hardened. I

Anthemis montana, an American alpine, carries pale Daisies above a mass of lace-like silver foliage. It requires to be top-dressed twice a year and is easily divided in Spring

the winter blanket has been of oak leaves a good plan is to lift the light branches that held them in place and let the wind begin the uncovering. Very soon you may take a hand, and soon the hills and valleys and little plains will be quite clear, the earth giving off tingling odors and hundreds of plants preening, smiling, blossoming.

A bamboo rake is a light and handy implement to use in clearing the rock garden. It does not tear the tender growths, nor uproot the frost-loosened plants. Much of this work must be done by hand, however. Only sensitive fingers can work the last of the leaves and litter from among the matted plants. A small whisk broom may be used by those who do not like the touch of the damp earth. No date can be set for the beginning of this task, none for its completion, for it will vary every year and in every locality. The gardener must deal vigorously with himself, and feel his way.

And now with the garden clear and all expectant of ministrations, let me say that the labor entailed in its care is far lighter than is required in most other kinds of gardening. If the soil and the construction have been properly prepared in the first place, the earth will not bake and crack and moisture will be retained in a comforting degree. Thus is the arduous stirring and cultivating eliminated. Nor is there heavy digging to be done, nor staking of top-heavy plants; no training of prickly climbers—hateful task—no lifting and dividing of heavy old border favorites. The barrow seldom needed and the tools required are light.

Once in a while you may be faced with the necessity of shifting a hundred-pound rock, or of altering the physiognomy of a mound, but this will not be often. The task that will be ever before you is *weeding*. It never to be neglected. You must weed as never before and with meticulous care. Let the stout-hearted weed—and they are all stout-hearted—become firmly rooted among the stones, it is there for a long stay, probably forever. Thence will its roots set out to prowl and creep, insinuating themselves under and over and around the stones, relentlessly threading themselves among the growths and tender rootlets of the choicest among our collection and eventually squeezing them to death. Others sow their seed wildly, casting it in all directions, so that where one was, in the twinkling of an eye there will be hundreds. Grass, white clover, Pussley, Chickweed, a crafty yellow-flowered Lady's Sorrel, a wretch with the high-sounding name of *Galinsoga parviflora*, an annual possessing power to become a centennarian through its undying

(Continued on page 130)

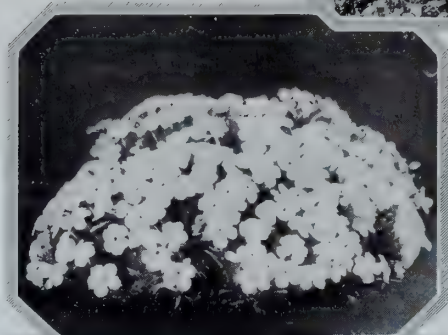
Aethionema schistosum is a charming, early flowering plant from the Cilician Taurus. The flowers are pink. Its requirements are a good sunny exposure and a light, dry soil



(Above) There are many delightful Creeping Phloxes, among them a gray-blue, *Phlox subulata* G. F. Wilson. All creeping Phloxes should be divided and reset every few years



Edraianthus dalmatica, a relative of the Harebells, likes a high, dry place and a stone chip soil



(Left) *Phlox multiflora*, from the Rocky Mountains, enjoys a top dressing in Spring



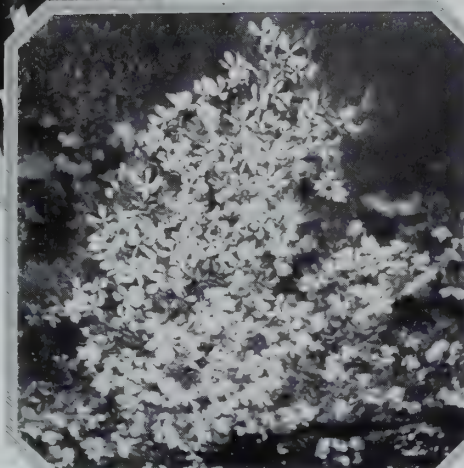
THE DOGWOODS AND THEIR GREAT VARIETY

A Type for Every Season

E. H. WILSON, V. M. H.



*After an early summer season of white flowers the branches of the Silky Dogwood, *Cornus paniculata*, are covered with clusters of rich blue berries*



*The flowers of the Japanese Dogwood, *C. Kousa*, are similar in size to those of the native Flowering Dogwood but more loosely formed and more thickly massed*



*Roundleaf I-dogwood, *C. rugosa*, is a sturdy shrub whose crevice flowers are followed by fruit which change from blue to red*

THE Dogwood family is about the most gifted among all the flowering trees and shrubs. Its members manage to take an important part in every season. From the prelude to spring of the yellow clustered blossoms on the Cornelian Cherry to the great autumn chorus of color in which the whole clan joins there is scarcely a moment when several of the group are not on the verge of dominating the scene.

In the woods and copses of the eastern United States there is no more lovely tree than the Flowering Dogwood (*C. florida*), the envy and despair of our European cousins who love plants. There is no more strikingly handsome flowering tree in the temperate forest of the northern Hemisphere than the wonderful *C. nuttallii* of western North America, sometimes eighty feet tall with white chalice 6 to 9 inches across, so abundant as to drape the crown

and the tree stands out a pillar of white in the dark forests of Vancouver Island. The Bunchberry (*C. canadensis*), the diminutive brother of these remarkable trees, is not one whit less lovely, nestling on rocks and starrng with white the floor of America's northern forests. In the dull gray days of midwinter nothing could be more cheery than the crimson stems of the Osier Dogwood (*C. stolonifera*); and among the galaxy of ornamental fruits we fortunates enjoy, what are more handsome than the clusters of rich blue on the Silky Cornel (*C. Amomum*) and the pure white berries topping the scarlet stalks of *C. racemosa*? These are native of North America but they have relatives in Europe and Asia possessed of rare beauty which have been brought to our shores by sundry agencies and are ours to enjoy at will.

The Dogwoods are all of easy culture though some of the tree forms like *C. alternifolia* and *C. macrophylla* dislike transplanting. All like a good loamy soil, well-drained, but with abundant moisture. They may be raised from seeds, and those of osier-habit are easily propagated by cuttings in the fall; those of stoloniferous habit by offsets; others by layers. Their uses in gardens are manifold. As a specimen on the lawn nothing is finer than the Flowering Dogwood (*C. florida*) and its pink relative; and grouped on the edge of woodlands or across a pond its charm is irresistible. For the effect of winter stems the same

(Continued on page 100)

One of the most effective in its fall apparel is the Littleleaf Dogwood, *C. paniculata*, with its myriad pendent bunches of pure white berries



A closer view of a branch of the Japanese Dogwood shows the characteristic informality of its individual flowers whose petals have an interesting and picturesque flare



In Northeastern America the Flowering Dogwood is unquestionably the queen of the spring woods. It seems to bring the Milky Way down to earth

SOME NOTES ON WOOD SHINGLES

Moderate Cost and Sightliness Further the Constant Use of This Characteristic Roof Covering

FREDERICK HOUSTON

THE pioneer occupation of the youthful Lincoln gave him the title of "Rail Splitter" but it is likely that a portion of his boyhood energy went into the production of "shakes", or hand-split shingles. Shakes have been the accompaniment of pioneering in this country since New England received her first quota of Pilgrims, and Jamestown the first consignment of Ancestors. Now that real pioneering is largely past, the shake has become a rarity, and is found "home-grown" only in a few isolated districts where the railroad and the sawmill are not near at hand. In shut off portions of the Blue Ridge, for instance where no machine sawn shingles, tin or rubber roofing find their way in, the primitive shake is occasionally to be seen as a native product.

The converting of wood into roof covering is more or less common in all countries where suitable timber is at hand for the purpose. The use of shakes still continues in parts of Asia. In Bhutan, in the Himalayas, up north of the Bay of Bengal, great old masonry strongholds are roofed with very long shakes—weighted down with stones as a safeguard against the winter winds, just as the thing is done on the Swiss Chalet in the European Alps.

The use of wood shingles is a custom of long standing in Scandinavian Europe. Authorities tell us

that wood shingles were prevalent in England down through the 14th Century, and that they continued in use much later on village church spires in southeast England, where they are still to be seen in place.

To a large extent the shingle industry in the United States has moved to the Pacific Northwest, though the California redwood, the cypress of the swamp edges of the South, and the white cedar of Wisconsin and Michigan supply us with a considerable quantity.

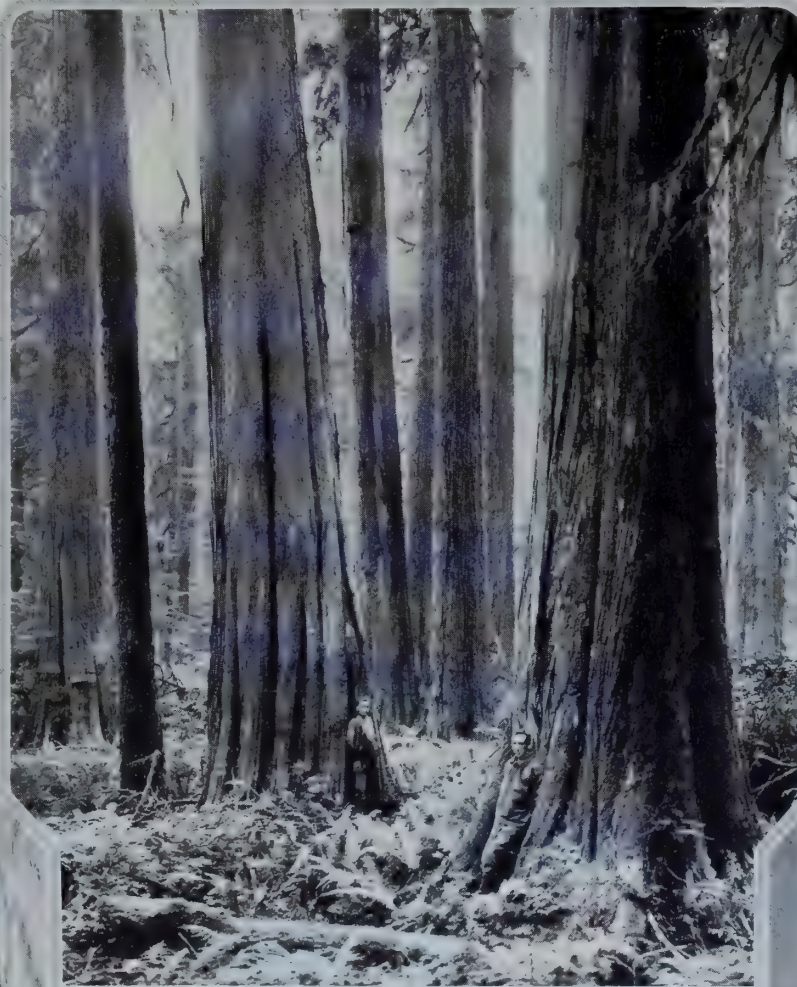
In the northwest, there is a great stand of red cedar, gigantic old trees which look as though each of them would shingle a

town. According to reports, about 75% of our shingle supply comes from Washington and Oregon, and from British Columbia across the border in Canada.

Many efforts are made to give the shingle roof more interest both in color and in texture than is found in the quiet respectable effect secured with the usual method of laying and the weathering of the natural wood. The most extreme of these efforts is the imitation thatch, which is to be thoroughly condemned as ugly and un-natural. The fussy construction work required to provide the bloated eaves, is a useless expense, undergone for a forced effect.

There are other and better ways of getting surface variation. A very good one is "doubling up" every fourth or fifth course, so that the butts or lower ends are doubled and provide a break and a deeper shadow at intervals in the usual surface. This is particularly successful when the roof is of the hipped variety, and the strong cross lines with the fainter intermediate ones turn nicely around the corners.

Another method is to avoid straight cross lines in laying, by setting each shingle above or below the line of its neighbor, securing in this way well broken cross lines. This scheme can easily be carried too far. The extreme of this method becomes suitable for the
(Continued on page 140)



From such giant Red Cedars of the northwest the larger portion of our shingles are sawn today. Others come from Redwood, Cypress and White Cedar



Avoid flat sawn shingles. This sawing gives an unequal exposure of soft and hard layers



A properly sawn shingle has an edge grain: soft and hard layers are equally distributed

Spanish architecture came to California with her first settlers. So long has it been in the land and so perfectly does it suit the climate that it is practically a native style. California is one of the few places in this country where the Spanish type of house seems perfectly at home



Collinge

The view above shows a detail of the home of Miss M. Burke, at Santa Barbara, of which George Washington Smith was the architect, and that to the left Mr. Smith's own home. The white walls, the Spanish tiles, the handling of the balcony and grilles, even the outside sun curtains on Miss Burke's house are all interesting features of the Spanish interpretation in California



THESE HOUSES SHOW HOW CAREFULLY
SOME CALIFORNIA ARCHITECTS
ARE PRESERVING THEIR NATIVE TRADITION



Johnston



A pleasant combination of brick, wood, tile and stucco is found in this side entrance from the terrace. Nothing could be simpler in design, yet how well it suits the house

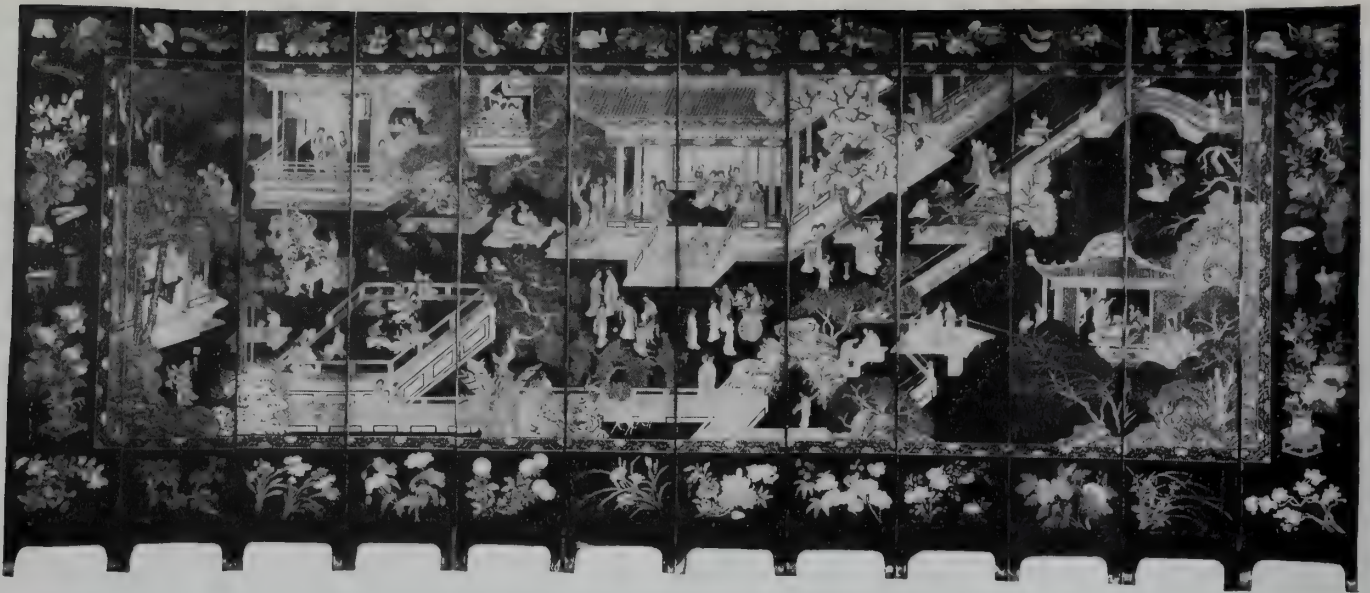
The house shown on these two pages is the home of J. B. Alexander, at Montecito, Cal., of which Jan Osborne Craig was architect. It is a small house of livable design.



The street side has a wide porch and paved terrace, one step above the level of the lawn. It has been placed with careful respect for the old trees that give shade to the house



The approach to the house is up a brick path laid across the gently sloping lawn. A door of simple design flanked by tied yuccas in boxes pronounces the entrance



The front of an unusually fine twelve-fold Coromandel lacquer screen of the Ch'ien Lung Period. The subject is a palace scene of the Han Dynasty, bordered with flower sprays and symbols used by Chinese artists. From the Royal Ontario Museum of Archaeology, Toronto

PALACES AND PARADISES

*The Superb Coromandel Lacquer Screens of
Eighteenth Century China and Their Interesting Story*

GARDNER TEALL

THE word Coromandel is a misnomer, in so far as the origin of lacquer objects of this genre is concerned. The name is derived from that part of the eastern coast of southern India stretching from the Kistna River to Palk Strait and known as the Coromandel Coast. When Dutch and Portuguese traders of the 17th Century succeeded in establishing commercial relations with the Chinese, they located their posts for assembling merchandise, preparatory to sending it on its long and perilous voyage to Europe, on this coast, and many of the strange things which they collected there and sent thence to Holland and to Portugal were referred to in the home countries as "things from Coromandel." Thus the remarkable screens carved and lacquered, richly painted and gilded, with their decoration in strong contrast to their lustrous black grounds, were, though of purely Chinese origin and fabrication, referred to by 17th Century art-lovers and those of the centuries following as Coromandel lacquers, "*les laques du Coromandel*." Cardinal Mazarin knew and collected them by this name.

Art objects in Coromandel lacquer probably

originated in the Chinese province of Honan which lies to the south-east of Peking, a province long celebrated for its fine porcelains. A Chinese critic of the Ming Dynasty, writing in A.D. 1387, describes richly carved and colored lacquer work as already being known as an ancient art in his own time. However ancient it may have been, we do not appear to have any authentic examples of the Coromandel type which antedate the late 17th Century.

The art of Coromandel lacquer reached its culmination during the reign of the Emperor Ch'ien Lung (A.D. 1736-1796).

After his death the art declined, although some very beautiful examples of this lacquer followed which lacked in degree the esthetic intensity of earlier productions. It was in this reign that a Portuguese embassy succeeded in reaching Peking, 1730, followed by Lord Macartney's and that of the Dutch in 1793.

The Coromandel screens were objects on which the Chinese craftsman in lacquer lavished his infinite patience and extraordinary skill. The decoration was applied to both sides of the four- to twelve-fold screen, as the case might be, these folds

being from five to twelve feet in height. Those in the Royal Ontario Museum of Archaeology in Toronto (seven in number) vary from about seven to nine and one-half feet. Two Coromandel screens in the Victoria and Albert (South Kensington) Museum in London stand eight feet two and one-half inches and eight feet ten inches respectively and have a length of nineteen feet (*Continued on page 116*)



An eight-panel Chinese Coromandel lacquer screen of the Ch'ien Lung Period. From the collection of the Metropolitan Museum of Art



The back of the screen, of which the front is shown opposite, is decorated with forty bird and flower, landscape and figure panels, with flower and symbol decorations on the ends

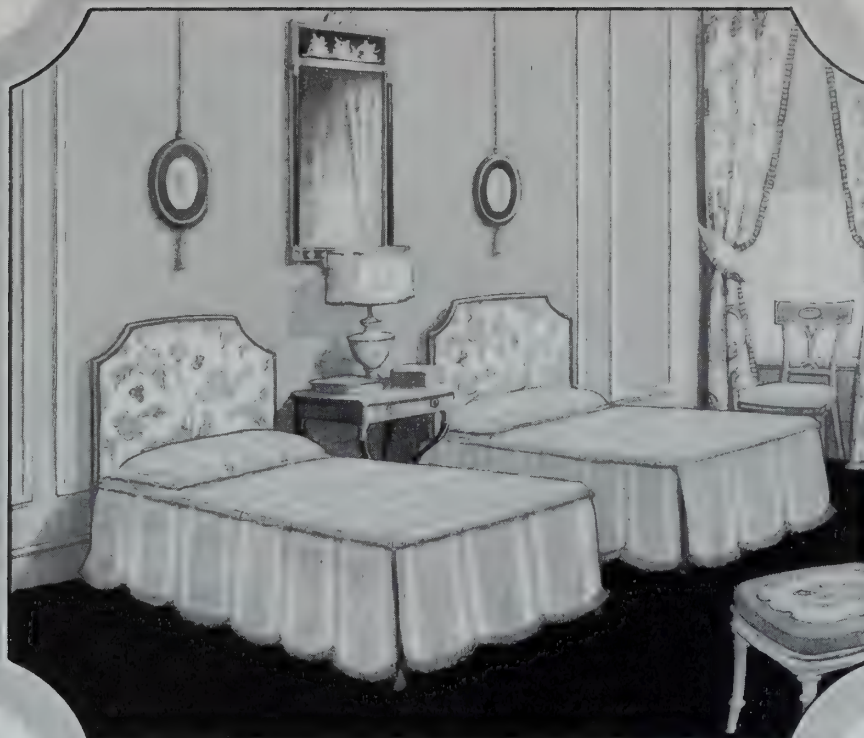


(Below) Six panels of a twelve-panel Coromandel lacquer screen that dates from the Ch'ing Dynasty. Bird and flower motifs were used. By courtesy of the Art Institute of Chicago

Detail of a twelve-fold screen in the Metropolitan Museum of Art. Fong Long Kon was the artist and the screen dates from 1690. A Chinese Empress and attendant are depicted



The panel of a Coromandel lacquer screen of the Kang-hsi Dynasty—about 1690. The cracked and time-worn condition of the lacquer can be easily noticed in this close-up view of the panel



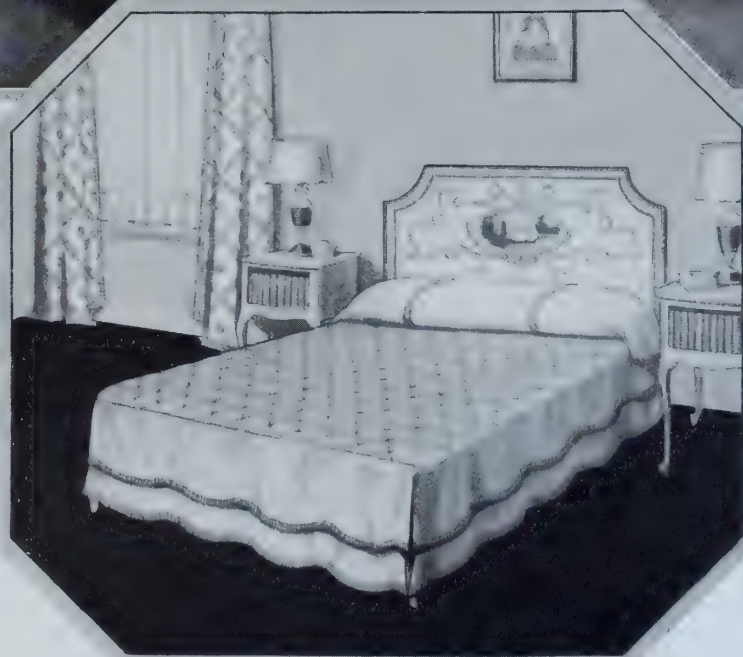
An ugly head board may be covered with a colorful glazed chintz, as shown in the picture above. Here the spreads are of striped linen to harmonize with the coloring of the chintz, trimmed with matching ribbon. Designed by Ekin Wallick



The picture at the left shows an excellent treatment for a four poster bed. The curtains, spread, valance and tester are of figured chintz but the hanging behind the bed is of sateen in a harmonizing color. Thedlow, decorators

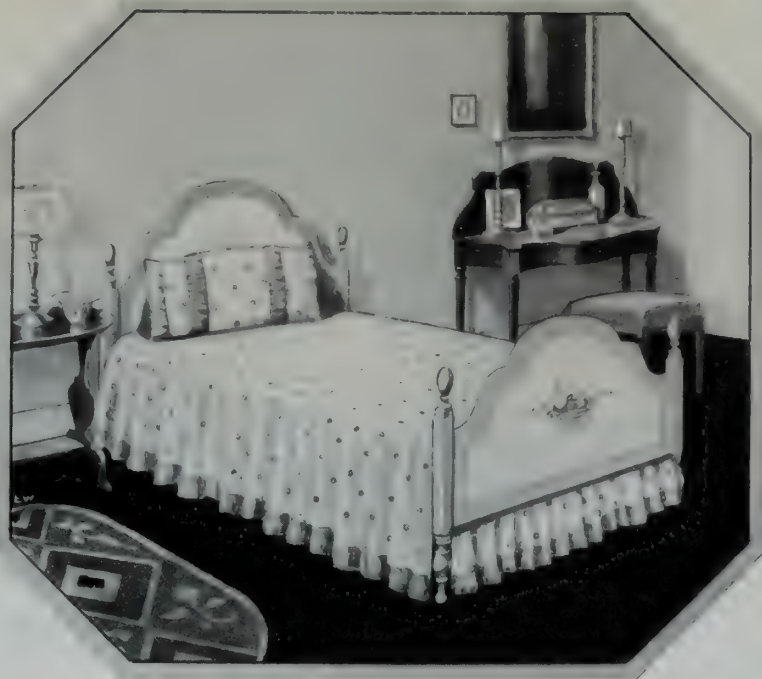


A bedspread of pale blue taffeta quilted in silver has been used on the painted bed in the picture at the right. The double flounce is trimmed with narrow pleatings of pink taffeta picoted in silver. From Chapin, Harper & Dutel



Simple but very smart is the spread on the French bed above. This is made of a beautiful old brocade and is without trimming of any kind. The same material is used for the canopy. Diane Tate & Marian Hall, Inc., decorators

Cream colored dotted net over a slip of pale yellow sateen makes a charming bedspread for a country house guest room. It is trimmed with a ruching of yellow taffeta



BEDSPREADS OF COLORFUL VARIETY

Practical Designs, Delightful Materials and Interesting Trimmings Distinguish the Spreads of the Present Day

MARGARET McELROY

None of the most delightful bedrooms I have ever seen the main interest from decorative standpoint centered on the bedspread. The bed was walnut in a classic rectoire design, the walls pale blue, and hangings blue taffeta bound in pink, or shell pink gauze under curtains. A

small chair covered in pink and white toile brought an effective bit of design into the room and the bedspread was a charmingly decorative thing of pale blue moire trimmed with narrow French ribbon in two shades of pink. This finished the edges and made an interesting pointed design on the valance.

As the bed is without question the dominant factor in a bedroom, the utmost care should be taken to have it correct in every detail. While not given the prominence of the beds of olden days, which were frequently raised on a dais and smothered in

(Continued on page 134)



A lattice glazed chintz in pink and white covers the head board and makes the flounce, which is trimmed with a pleated ruffle of pink taffeta. The spread is brown taffeta edged in pink. Ekin Wallick, decorator



SOME BOOTHS FOR TOWN BETTERMENT

Three Designs Are Offered for Roadside Refreshment Stands

Which Would Improve the Present Appearance of Highways

ONE of the necessities—at least one of the great conveniences—of long distance motoring is the chance to stop almost at will for lunch or refreshment. A few years ago there was not this convenience; occasional road-houses, country hotels, and shops in small towns were the only opportunities. Now there is. Practically every highway, not to mention byways, is equipped to care for the hungry and thirsty motorist. But as with many innovations of this sort the commercial growth of the idea has far outstripped its esthetic development. Yet much of the success of these wayside pavilions must depend upon their appearance. Beauty is ultimately a much greater lure than banality, and trade will go to the thing most attractive.

The roadside refreshment stand has come to stay, and it is our idea to help make this stay pleasant by showing how simple a matter it is to make booths beautiful. And not only show, but provide the means to make them so. The designs suggested here, for any or all of which complete plans may be obtained without



The Type B booth, sketched at the top of the page, strikes a happy medium in size. It contains a good-sized serving space inside, as well as a store space with a counter, and another serving space outside under an arbor. Complete plans are shown on page 166

cost, have been as carefully considered from the standpoint of economical construction as from that of their architectural loveliness.

Three distinct sizes are offered: a small one consisting simply of a store space and a counter; a fairly large one containing a

good-sized dining room, kitchen, and terrace and arbor for serving; and a size lying between these two, with an arbor eating room and store space. These three sizes seem to cover the situation. Anything smaller than the smallest one shown would be merely an open stand, and anything larger than the largest should require some special architectural assistance, for its problems would hardly be standard ones.

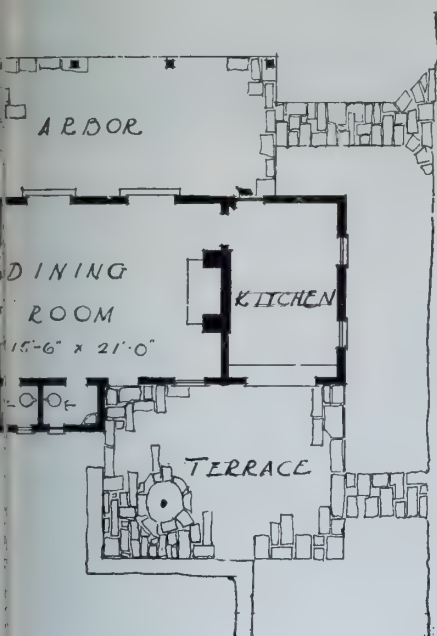
In suggesting these designs we have kept in mind the fact that the structures should be no more difficult to build nor more expensive than structures of similar size put up off hand without plans carefully considered from practical and artistic points of view. Highways equipped with the HOUSE & GARDEN booths will be made attractive by an institution that has created now for the most part a series of eyesores, and the booths themselves, by being attractive, will show an increase of patronage. The idea works in two ways, and in each way both the proprietor and the customer are the winners.

HOUSE & GARDEN PLANS FOR TOWN BETTERMENT

THE Town Betterment plans begin here with three designs for Roadside Refreshment Booths. Within a month or two the busy season for wayside shops and stands will open and it is hoped that the rapidly increasing interest being taken in these institutions, both by merchants and motorists, will result in such an artistic improvement in them as our designs make possible.

Any one interested in building these structures, either from the standpoint of the proprietor or from that of the community organization concerned with beautifying the highways, will be furnished with plans and working drawings of any or all of the booths for the asking.

Each month designs for community architectural features by leading architects throughout the country will be published. In the May HOUSE & GARDEN it will be Benches and Flagpoles. During subsequent months the designs will be for Filling Stations, Roadside Signs, Street Lights, and similar subjects. For plans and information address the Town Betterment Editor, HOUSE & GARDEN, 19 West 44th St., New York City.



The smallest of the three, the Type A booth, is given real distinction by its thoughtful simplicity and the effectively handled color in the striped awning over the counter. Complete plans are shown on page 164

The Type C booth is designed to serve as a year 'round structure. It is a complete roadside restaurant reduced to its smallest dimension, yet retaining, with its delightful farm house character (shingles laid in clapboard effect painted white with apple green shutters) great architectural loveliness. Customers may be served inside, outside on the terrace and arbor, and at the counter. Complete plans are shown on page 164

The three Roadside Refreshment Booths shown on these pages were designed for HOUSE & GARDEN by Lewis E. Welsh, architect





At the rear of the plot lies this rectangular space surrounded by a rough stone wall. The near end, lying on a slightly lower level than the ground about it, is the rock garden with its steps and pool. Leading off from it is the little orchard garden

AN IDEAL SMALLER GARDEN

*The Last Garden of the Ideal Smaller Homes Series Shows
the Possibilities Contained in Good Informal Planning*

THE informality of this house has been communicated to its garden. Its picturesque architectural style is reflected in the choice and disposition of the shrubbery and trees, and its irregular plan has been carried over into the arrangement of the grounds. That is certainly one of the most important principles of good garden design, for a house, by its very nature, must dominate its site—especially when that site is a small one. If the house were formal in every detail, as was the French house of this series, shown in the January issue; or if it were chiefly formal in spirit, as the Georgian house in the last number, then the grounds, to be appropriately planned, should be done in a formal fashion, to match the mood of the architecture. In this house, however, very little true formality exists. There is balance and a certain symmetry in the mass, and in the plan, but its most characteristic quality is a rambling irregularity. This is found now in the grounds.

The grounds of the House by Howell & Thomas mark the last appearance in HOUSE & GARDEN of the Four Ideal Smaller Homes. Since July of last year these four moderately small houses, designed especially for the magazine, have been developed step by step in every exterior and interior detail. They have now been made into scale models and will be exhibited in the leading cities of the country

A curious thing about informality in garden planning is that it is based upon a formal scheme. The informality is only on the surface. Underneath there is a great deal of orderly arrangement. Otherwise the result would be awkward, disturbing and restless. So here in this particular

example, while the effect is just about as far from that of rectangular rigidity as one could wish, the underlying structure of the design is quite symmetrical.

The space in the rear of the house has been divided into five parts. First, a more or less oval lawn occupies the center of the scene and is surrounded by a border of shrubbery which forms the background or pockets of perennials. Second, a plot of the garage which contains four small rectangular beds for vegetables and flowers. Third, a heavily planted path leading from the covered terrace of the dining room to the rock garden at the rear. Fourth, this rock garden, and fifth, a small orchard garden made possible by some apple trees, a likely feature of any place.

To make the shape of the oval lawn more interesting, and to connect the service section of the grounds with the path leading to the rock garden, openings have been made on the cross-axis and the

(Continued on page 162)



The rambling contours of this house, designed for the Ideal Smaller Homes Series by Howell & Thomas, architects, fit easily into the informal scheme of the grounds. The drawing was made by Chester B. Price



A whole family of Kylin, closely related to the dragon family, inhabits the central medallion of this Khaughi rug, which dates from the end of the 17th Century, the time of the great Ch'ien dynasty. They are woven in two shades of blue, with yellow eyes, and one splash of flame color appears at the base of the circle

C H I N E S E R U G S

Dragons, Bats, Butterflies, and Many Strange Devices

Make the Chinese Rug as Fascinating as It Is Beautiful

A. T. WOLFE

COMPARATIVELY speaking, the Chinese rug is a stranger in our midst. The other Orientals—Persian, Anatolian, Caucasian—have been household friends for generations in Europe and America, but tardily and reluctantly has the Chinese rug come to the West. Few were aware of it much before the Boxer rising, and not every one was appreciative when first it arrived. To-day there is no doubt about our appreciation.

Of very ancient Chinese rugs not a vestige remains. Yet weaving is one of the oldest arts in China; the first porcelain decorations were taken from the pattern of textiles, and inspired for centuries the ceramic workers who came after. Quite possibly, then, rugs were woven before the Sung dynasty ended in 1280 and onwards, but nothing has reached us that dates before the beginning of the 17th Century, when the Ming dynasty was nearing the end. Rugs of that period are the antiques, so far as we are concerned; they are scarce now and command very high prices. From that time on until the end of the 18th Century the art progressed, and culmi-

On a ground of vivid imperial yellow are scattered blue butterflies and flowers enclosed in a border which shows the conventional wave pattern

nated in the glorious time of Ch'ien Lung (1736-95), when all the arts flourished mightily and spread. Fashion alters very, very slowly in China; among the conservative weavers, slowest of all; but, still, changes do come, and it is by noting these subtle alterations in color, treatment, and technique that dates may be approximated.

Through all its changes there are qualities in the Chinese rug that mark it off very certainly from all other rugs of the Orient. First, a symbolism so profound, so interwoven with the fabric that a Western mind can only grasp its wonder as a surface deco-

ration without attempting to read its esoteric significance of religions, philosophies and learning. The Svastika, or mystic cross—"half as old as time," and known all over the world—is one of the chief seven symbols in China, and there it signifies Buddha's heart. The wave emblem continually appears in one form or another; the "Greek key" fret is derived from the idea; wave for ever overlapping wave. The dragon denotes imperial sovereignty and the Knot of Destiny means, among other things, power. Among the many emblems of longevity the crane and the stork, the tortoise and the deer, are notable. Butterflies and bats and certain flowers are signs of good augury and happiness; the Circle of Happiness is woven into half the fabrics that were made. Peach stones signify life, the Pilgrim's Gourd is one of the Taoist emblems. These few examples are among the best known; it would be hard to find a Chinese rug that does not include some of them.

Next comes color. Certain tones and shades characterize Chinese fabric as notably as does symbolism: a dark blue which
(Continued on page 146)

Spotted deer and birds of strange device appear among highly conventionalised trees in this rug. The ground, once white, is now a deep ivory



THE MASTER OF FRENCH FABRIC DESIGNERS

Philippe de La Salle, Besides Designing Great Fabrics, Also Revolutionized Their Manufacture

FRANCES WILSON HUARD

TUCKED away on the hillside of the lower Rhone valley lies a little town of some thousand inhabitants whose chief occupation is, and has been for centuries past, the cultivation of the grape which produces a well known white wine.

A bridge over the river unites Seyssel of the right bank with Seyssel on the left, and a stone arch midway across marks the one-time limits between the kingdom of France and the kingdom of Sardinia.

It was at Seyssel in France that he who was destined to revolutionize the art of silk weaving, (both from an artistic and a mechanical point of view,) first saw the light of day.

Philippe de La Salle, born September 23rd, 1723, was the descendant of a good old Languedoc family, though his father at the time of the child's birth occupied the humble employ of Receiver of the Royal Customs, owing to reverses of fortune which he himself was

in nowise responsible.

It is said that the boy very early manifested a taste for the arts; so much so that though still a mere child his parents consented to give him a local master. Philippe very quickly surpassed his instructor and his progress was such that it was decided to send him to Lyons where he entered the studio of Sarrabas, a well-known painter of historical subjects.

How long he remained with Sarrabas is not known, and just when he transferred his activities from Lyons to the capital is a matter of pure conjecture. Suffice it to say, however, that in his early twenties we find La Salle one of the leading lights in the Paris studio of François Boucher, then at the height of his popularity and completely absorbed by numerous commissions from Royal patrons.

Legend has it that though it was considered all important for a young man to study under Boucher, and that the

(Continued on page 106)



The hangings around the nuptial bed of Marie Antoinette at Fontainebleau were designed and executed by La Salle. The cartoons for this still exist. To reproduce it would require at least two hundred thousand patterns



The chair to the left is covered with material woven by La Salle for Marie Antoinette's bedroom at Fontainebleau. So carefully is this fabric executed that one would think it was needlework done by hand



The entire walls of this famous bedroom at Fontainebleau are hung with fabrics done by La Salle

These panels of musical instruments and wild game which adorn the walls are executed in chenil or broché



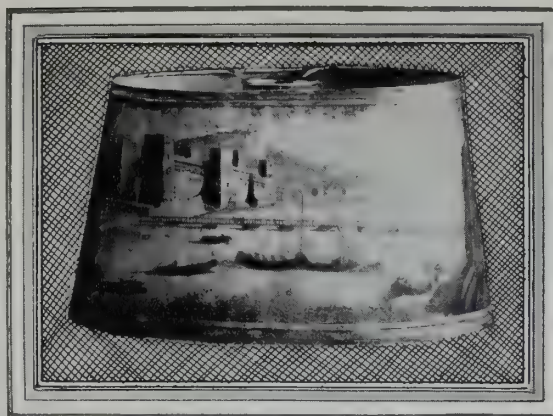


The 12 inch parchment shade above is decorated with a colorful Godey print and trimmed at the top and bottom with red and white Italian paper. \$15.50



Italian papers gay in color and interesting in design make delightful country house shades. The 12 inch shade above is tan and yellow. Other colors. \$10

SIX ATTRACTIVE LAMP SHADES



Left. For a bridge lamp comes an oval parchment shade decorated with a colored French print, the whole antiqued to give a look of age. \$18.50. 12 inches long

Below. An effective shade for a living room is parchment, painted any color with decorations in dull gold. 16 inches at lower edge. Round, \$14.50. Oval, \$15.50



Above. This smart pleated shade is cotton print in cool green, rose or orange and white stripe. 10 inches in diameter. \$10.50. Pottery lamp, 11 inches high, \$6.75

The charming bedroom shade below is pale yellow chiffon trimmed with lace, French ribbon and flowers. 9 inches in diameter, oval or round, \$17.50. Other colors





The articles on these pages may be purchased through the HOUSE & GARDEN Shopping Service, 19 West 44th Street, New York City. A slight service charge is included in the prices



Above. Sturdy brown wicker basket lined with purple, green, tan and navy blue leather. \$13.25



Above. This practical and decorative basket of Philippine grass and split bamboo has black spokes. \$6.75



The basket above, suitable for a living room or library, is heavy cardboard painted black with contrasting bands and ornamented with a landscape print. \$12.50. Any color combination



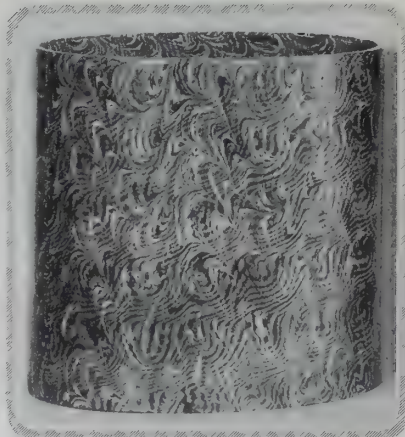
SCRAP BASKETS

INGENIOUSLY DESIGNED

Above. A charming basket for a bedroom is covered in cream toile with a medallion design in gold, rose, blue and green. \$15.50



French candy box paper in apple green checked design covers the basket at the right. On the front is a bold flower print. \$15.50



Above. For a man's room comes a basket of heavy tin, painted red with black lines and decorated with a colorful hunting print. \$15.50

The basket at the left, covered in marbled paper in soft colors, will harmonize with many types of decoration. \$10.50

The GARDENER'S CALENDAR for APRIL

This Calendar of the gardener's labors is planned as a reminder for all his tasks in season. It is fitted to the Middle States, but should be available for the whole country

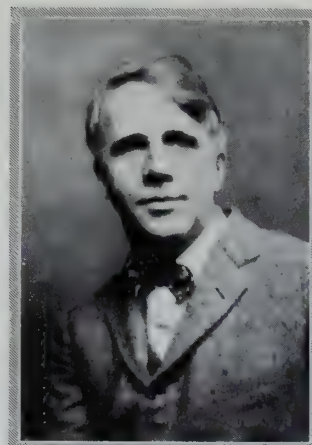
if for every one-hundred miles north or south there be made a difference of from five to seven days later or earlier in operations. The dates given are for an average season

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p><i>It was not a large garden, as gardens go, But carefully patterned with row after row Of flower-beds edged by low, clipped box In the quaintly prim and orthodox Manner of seventeen-eighty or thereabouts. From AMY LOWELL'S "THE STATUE IN THE GARDEN"</i></p>			<p>1 Weather conditions vary, but usually it is safe to start sowing seeds of the more hardy vegetables. Peas, spinach, onions, beets, carrots, etc., are all seasonable.</p>	<p>2 Strawberries should now be uncovered for the season. If no winter mulch was applied give the bed a good top dressing with bone meal before digging.</p>	<p>3 Raspberries, blackberries, currants and gooseberries that were buried last fall can now be unearthed and good manure worked into the border.</p>	<p>4 The lawn should be looked over to assure a velvet sward this summer. Sod any small spots, and scatter seed down the spaces.</p>
<p>5 Early planting is the first essential to success. Finish all plantings of deciduous trees and shrubs at the first opportunity. Firm the plants in and water well.</p>	<p>6 That unproductive orchard can be made to yield abundantly by sowing now a mixture of Canada field peas and oats, and plowing them under when they are 1' high.</p>	<p>7 If the asparagus bed was mulched last fall it can be turned under now. Salt in liberal quantities should be applied to keep down the weeds.</p>	<p>8 The secret of success with potatoes is early planting; these plants are quickly destroyed by hot, dry weather. To avoid this danger plant now.</p>	<p>9 If you have not pruned the hardy roses it must be done at once. Prune the hybrid types to three eyes, but leave about 4 inches of new wood on the teas.</p>	<p>10 Have you stakes on hand for Dahlias and other tall flowers, raffia or jute cord for tying, an arbor for the garden roses, a sundial for the flower garden?</p>	<p>11 If properly planned, plan the more hardy of garden vegetables can be set out such as cauliflower, onions, etc.</p>
<p>12 Seeds of Snapdragon, Asters, Alyssum, Calendula, Centaurea, Pansies, Violas, Scabiosa, etc., may be sown outside at this time in well pulverized soil.</p>	<p>13 Before the trees and shrubs leaf out it is advisable to go over them carefully, destroying any caterpillar nests before they hatch. An asbestos torch is the best weapon.</p>	<p>14 All borders or open spaces around plants should be kept loosened. This admits the necessary air to the soil and also prevents the rapid evaporation of the moisture.</p>	<p>15 Plants in tubs intended as specimens for the grounds should be watered freely with liquid manures or a top dressing of pure cow manure can be used.</p>	<p>16 Frames for the melons must be set in place now. See that the hills are well prepared inside them, using plenty of good manure and chopped sod.</p>	<p>17 Any existing voids in the perennial border must be filled in by new plants or divisions. Dig under some good manure or give the beds a top-dressing of raw crushed bone.</p>	<p>18 Do not let the greenhouse idle. There are many crops which can be started now, such as cauliflower and anemiums.</p>
<p>19 This is the proper time to start some plants from seed for flowering next winter in the greenhouse. Primula, Cyclamen, Snapdragon and many others.</p>	<p>20 Start hardening off the bedding plants in the greenhouse or frame now. It is certain death to set out Coleus, Geraniums, etc., otherwise.</p>	<p>21 Keep the soil stirred constantly between the garden rows. Seeds that are slow in germinating can be protected by placing the line between the labels.</p>	<p>22 Any large trees that have been recently transplanted must not be neglected. Liberal watering is essential, and heavy mulching is also a good practice.</p>	<p>23 Do not neglect the sweet peas when they are small—see that they are properly hilled when about 4 inches high. Supporting them should not be postponed.</p>	<p>24 Summer flowering bulbous plants as Gladioli, Montbretias, Begonias, etc., are little effort and are worthy a place in any garden. They may be planted now.</p>	<p>25 It is a mistake to not get a continuous supply of quick maturing crops such as peas, carrots, spinach, etc. The rule is to sow when the preceding sowing is up.</p>
<p>26 Bean poles can now be put in place for the limas. Dig liberal sized holes working plenty of manure into the soil when refilling. The hill should be 4 inches high.</p>	<p>27 Thinning out crops is most important. Plants allowed to crowd become soft and spindly. Crops that require thinning must be attended to when very small.</p>	<p>28 Have you spraying materials on hand for the bugs and diseases? Spray the currant bushes now with arsenate of lead to destroy the green currant worms while small.</p>	<p>29 This is the proper time to have the greenhouses overhauled. Broken glass should be replaced, loose glass reset, and the woodwork painted.</p>	<p>30 If you grow any crops for the livestock the ground for them should be made ready. Mangels, carrots and sugar beets can be sown now.</p>	<p><i>April is a month for poets, particularly for poets with such a flare for Nature as the four shown here, who are writing now, and from whose verses these quotations have been made. And in any collection of modern American poets by Lowell and Edna St. Vincent Millay should appear, for their exquisite garden lyrics</i></p>	

*Not any flower that blows
But shining watch doth keep;
Every swift changing chequered
hour it knows,
Now to break forth in beauty;
now to sleep.
From "NOON AND NIGHT FLOWER"
By WALTER DE LA MARE*



*He loved the English countryside:
The wine-leaved brambles in the
ride,
The lichen on the apple trees,
The poultry ranging on the leas.
From "REYNARD THE FOX"
By JOHN MASEFIELD*



*Blueberries as big as the end of
your thumb,
Real sky-blue, and heavy, and
ready to drum
In the cavernous pail of the first
one to come.
From "BLUEBERRIES"
By ROBERT FROST*

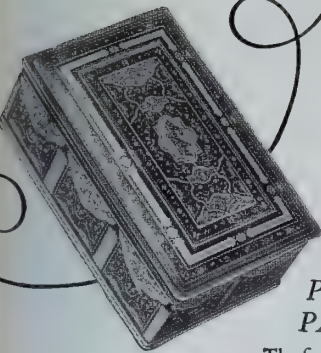
*Into the garden peace comes with
twilight,
Peace that since noon had left the
purple phlox,
The heavy headed asters, the
roses
And swinging hollyhocks.
From "IN A GAIN"
By SARA TEAL*





At Easter

*Chimes and—Spring—Fresh beauty—Smartness
that is chic. And the crowning touch (you
knew it) a box of Huyler's.*



**PERSIAN
PACKAGE**

The finest chocolates—
imported glacé fruits—
smart metal box.

Huyler's

NEW YORK

AMERICA'S FOREMOST FINE CANDY





YOU SLEEP ON A BED, NOT ON THE UPHOLSTERY

WHEN you sit on the Davenport Bed, you find it is a good davenport—comfortable, luxurious, easy. When you look at it as a part of the furnishing of your room, you may well be proud of it. And when you use it as a bed, or offer it to a guest as a bed, it's comfortable to sleep on.

It isn't like a sleeping car; the bedsprings are wholly separate from the

seat springs; you sleep on a bed, not on the upholstery. You use a regulation mattress, which can be taken out and aired just as with any bed.

You can buy a Davenport Bed in almost any design you want; chairs to match if you wish. There are period styles, in many beautiful woods, with upholstery as simple or as luxurious as you choose to pay for.

"The Home in Good Taste" is an interesting booklet showing nearly a hundred styles of Davenport Beds. Give the name of your furniture store when you write for it.

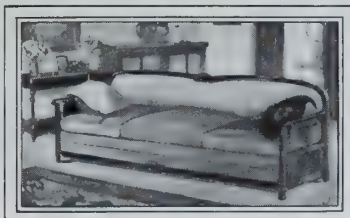
DAVENPORT BED MAKERS OF AMERICA

More than 80
individual manufacturers

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The Davenport Bed

SERVES BY DAY AND BY NIGHT



The Cornelian Cherry, *C. Mas*, with its tender yellow flowers, plays the prelude to spring

THE GREAT VARIETY of DOGWOODS

(Continued from page 79)

is true of the Osier Dogwood (*C. stolonifera*) and its relatives. These may also be grouped along driveways. The bush sorts are good anywhere, but the tree forms should be associated with the deciduous trees on slopes where they can be viewed from above. Many of these have their branches arranged in tiers which form a series of table-like whorls and with their flowers standing erect their beauty cannot be gauged from below.

The Dogwoods may conveniently be classed into five groups, each of distinct and outstanding garden value. Pride of place may be given to the group which has the flower-clusters guarded and surrounded by hand-

somely colored bracts typified by the woodland jewel of eastern United States, *C. florida*. In this group the conspicuous bracts are the great ornamental feature and the tiny flowers glomerated into a button-like mass in the center may be ignored.

To residents and to those familiar with the woodlands of eastern America from Massachusetts northward, any description of the Flowering Dogwood is unnecessary, but readers beyond these confines are entitled to consideration. It is a slender tree from 15 to 40 feet tall, commonly an understory in thin mixed woods of hardwood trees, and has a thin

(Continued on page 102)



The Japanese Dogwood, *C. Kousa*, is similar in many ways to *C. florida*, but blooms later and longer—from mid-June, and its flowers blossom against a rich green foil of foliage

A Silk Brocade in the "plein-air" brilliance of Modern Color



MODERN artists of the loom, like their brethren of the brush, are bringing to their work more and more of Nature's luminous harmony.

This silk brocade is a particularly felicitous example of the use of this out-of-door or plein-air color in a floral design. The soft moss-green of the foliage, the limpid shades of rose, blue and maize in the floral motifs, give the fabric the refreshing vividness of an armful of flowers.

While it is an example of an early XVIII Century fabric, this brocade is primarily French in its conception. The characteristic flat treatment of the

design, however, shows the English Georgian influence—the colors stand out softly and clearly against the black gros-grain ground with none of the shading of its French prototype.

This type of brocade for hangings and upholstery brings to the somber richness of a panelled room a saving clarity of color.

F. Schumacher & Co., Importers, Manufacturers and Distributors to the trade only, of Decorative Drapery and Upholstery Fabrics, 60 West 40th Street, New York City. Offices also in Boston and Chicago and Philadelphia.



WHILE this fabric—in its flat treatment of design and clear, soft coloring—exemplifies the English interpretation of an Italian Renaissance original, we can also show examples after the parent Italian fabrics, as well as other fabrics of the same family, showing the adaptations by Louis XIV of France.



YOUR own decorator or upholsterer will arrange for you to see these brocades—he will also gladly attend to the purchase for you. In addition to brocades we carry many other fabrics which represent not only the inspiration of the great decorative periods but the newest trend in modern coloration as well.



A Toile de Jouy, reproducing a wall covering from a famous old French chateau. In blue on gray, or mulberry on gray, also in shades of sepia and in shades of gray.

WALLPAPER

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when it comes from Lloyd

ARE you wondering how to freshen up the home this spring—how to make the rooms seem new and more livable? You'll find a most happy solution in Lloyd's stock of imported wall papers.

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FORM 41

Without any cost or obligation on my part, please supply appropriate samples for:

Kind of Room _____ Style Furniture _____

Colour Scheme preferred _____

Name _____

Address _____ City _____ State _____

THE GREAT VARIETY of DOGWOODS

(Continued from page 100)

crown, flattened and often in tiers. If examined in the fall or winter the branches will be found to be dotted with gray rounded studs. As spring advances these swell and expand into a cross of bracts, snow-white, from 4 to 6 inches across at maturity, becoming stained with pink as they age and fall. So freely are the white crosses produced that the woodlands in May when viewed from vantage points are filled with seemingly floating drifts of purest white suggesting droves of white butterflies hovering and flitting amid the trees. Not every year are these Dogwoods full of flowers, they are apt to overdo themselves and need an off year to recuperate and often, especially in Massachusetts, the winter frost may be so severe as to cripple or destroy the flowers. But in good seasons, such for instance as the spring of 1924, the blossoming of *Cornus florida* is an event to be classed among the floral spectacles of the world. Its exquisite autumn colored foliage has been spoken of but its fruit is worthy of praise. Teat-like and clustered several together, scarlet and erect it stands jewelling the branches in the fall.

THE PINK DOGWOOD

The variety *rubra* with rosy red bracts is in great demand though to my mind less lovely than the type. But rightly placed, say on a slope above a pond and viewed across the waters in which its flowers are reflected, it is wondrously beautiful. Close inspection of the flowers, however, is apt to lower the high opinion formed since it will be seen that the bracts are only too often more or less malformed. It is claimed that all the plants in cultivation have originated by vegetative propagation (mainly by grafting) from one individual discovered in the early 'eighties and first offered for sale by Parsons & Co. in 1887.

The related *C. nuttallii* of Vancouver Island and south to California is a much larger tree, sometimes 80 feet high, with a heavier, elongated crown and with heads of bracts from 6 to 9 inches across opening with the leaves, similar autumn tints and brilliant scarlet fruits. Unfortunately this tree of marvellous beauty cannot be grown in the New England climate and I do not know of one in the east.

These two species of North America have their counterparts in eastern Asia where two species occur from the central Himalayas eastward through China and Korea to Japan but with these differences. The fruit is a conglomerate strawberry-like head and the flower-bracts unfold after the leaves. They are small to moderate-sized, flat-topped trees. That of the Himalayas and southern and western China (*C. capitata*) has pale yellow passing the cream-colored bracts and rather thick leathery leaves which assume no marked autumn tints. Naturally it is tender and suited only to the climate of California and the warm southern States. The other species (*C. kousa*) distributed from central China north eastward through Korea and much of Japan, however, is perfectly hardy in Boston, Mass., where it flour-

ishes. In fact its flowers are of greater bud hardness than the native *C. florida* and in consequence it is an even more valuable garden plant. This is a statement but let me explain. In this advantage in winter protection though its flower-buds are found in the autumn they are folded within a pair of ordinary foliage leaves have therefore additional protection. It does not flower until mid-June later and its upstanding heads on slender stalks have a foil of rich leaves below. Thus though these woods of eastern United States and the Orient are close relatives they are dissimilar as garden plants and coming at different seasons the room for both and no necessity of invidious comparisons. The heads of *C. kousa* are abundantly produced, from 5 to 6 inches across for more than a month and finally come pink before they fall. The form from Japan to which the specific name belongs has been sparingly in cultivation in the west since about 1860. The central China type (var. *chinensis*) has been my privilege and good fortune to add to gardens. In this the bracts are larger and broader and often overlap to form a closed, saucer-like involucre around the button-like mass of real flowers. Some experts acclaim this the finest gift of China to western gardens. Certainly it ranks high in the realm of beauty among hardy flowering trees and its fortunate introduction is proud of the high opinion its fruits have won for it. In the not distant future this Chinese Dogwood will be in unquenchable demand.

The red strawberry-like fruit of the Oriental Dogwoods are from half to three-quarters of an inch in diameter and very attractive in the autumn suspended among the vari-tinted, venous purple, foliage. They are edible and the orange-colored swish pulp is quite palatable, though in some imbedded several large stony discs.

THE TINY VARIETIES

It would seem a far cry of relationship from trees 30 to 80 feet tall to lowly herbs a few inches high. A glance at the flowers shows that there are very close between the Bunchberry of this country (*C. pauciflora*), that of Europe and northern Asia (*C. suecica*), and the flowering Dogwoods. For shaded rockeries, woodlands and sheltered nooks there are no prettier little plants than these Bunch-berries, howbeit rather of a naturalization unless they find so intimate a situation to their liking.

A common small tree in the woods of eastern North America is *C. pauciflora* with erect, flat corymbose cream-colored flowers. This may be either a thin tree 25 feet tall or a bush. In the autumn while the lower and topmost leaves are green the middle and lower are varying shades of red and the combination of tints is exceedingly beautiful. This typifies a group of Dogwoods represented by many fine species in eastern Asia. The American plant is of inferior garden value and, moreover, strongly

(Continued on page 104)



The "Marbury"—A moderately priced Berkey & Gay suite in WALNUT, with butt walnut, birch, maple burl and gumwood. The floral decorations are hand-painted.

ON CERTAIN CAUSES - of Old Age

ATTRACTIVE new attire is a wonderful insurance against old age. You feel younger and more vigorous the moment you put it on.

A thoughtful dresser will admit this. A good psychologist can prove it. We are powerfully influenced by our surroundings.

Increased wearing long beards when they became unfashionable. Women began to look askance at lavender and old lace, when they discovered that symbols of old age affect the mind and produce old age.

A famous French actress who delighted her grandmother, lived to delight you when she refused to recognize old age and was thus avoiding its symbols.

Nothing she changed her furniture in three years—no matter how attractive. Turned from bird's-eye maple to mahogany, from Marie Antoinette to Chippendale, from Hepplewhite to Queen Anne. Anything to change it. Her theory was sound, even when she carried it beyond the

needs—the means—of most of us. Love of familiar objects—of a chair, a desk, the bridal suite of those first years, the dining room suite you bought when success first smiled—are pleasant sentiments that all of us share in common.

This famous woman shared them too. She confessed it. But she loved youth—and life—better.

Furniture is the clothing of the home. You live in intimate contact with it. Like lavender and old lace it subtly affects the thoughts. Day by day it whispers the deadly secret of time's passing. We love it as we love anni-

versaries—pleasant reminders of other days but heartless reminders, too.

You need only experiment with a new bedroom or dining room suite, even a new chair occasionally, to appreciate the astonishing influence of these silent but fascinating objects on your life.

New furniture refreshes and stimulates the mind like new scenery, new music, new clothing, new friends.

And has it ever occurred to you that the cost of good furniture is low when compared to other expenditures—ridiculously low when the pride, enjoyment and rejuvenation of the whole family is considered?

Consult your local Berkey & Gay dealer for interesting figures on the cost of furnishing your home. You will find a price range in suites (from \$300 to \$6000) that in furniture of this first quality, is only made possible by the vast facilities and advanced shop methods of Berkey & Gay.

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Clever hostesses have discovered how much the new tables can add in charm to familiar rooms.

A stately occasional table of historic design. A slender pedestal of delicate curves. A book table of alluring lines.

Imperial designers and craftsmen have created out of beautiful woods an enchanting collection of lovely new tables. It will be a treat to see them at your furniture store. Meanwhile, send for our famous book, "Heirlooms of Tomorrow", showing new ways to make your home impressive with tables. Dept. E will send free copy.

IMPERIAL FURNITURE COMPANY
Grand Rapids "World's Largest Table Factory" Michigan



THE GREAT VARIETY of DOGWOOD

(Continued from page 102)

transplanting but its Oriental brother *C. controversa* merits wide recognition. This is a fair-sized tree, sometimes 60 feet tall, with a clean trunk 7 feet in girth and tiers of tabuliform, wide-spreading branches forming a flattened crown. The flowers are small, pure white and arranged in erect flat corymbs each from 4 to 5 inches across and abundantly produced. To get the full beauty of this tree in blossom it is necessary to look down upon it from some eminence. From such a position its crown appears as tiers of white from the countless thousands of its crowded heads of flowers. These are followed by innumerable bloomy-black fruits, round and about the size of a pea with the stalks that bear them red in color. This is a quick-growing tree and one of the handsomest of recent introductions. It is widely distributed from western China eastward to Japan and is very fond of wooded precipitous places. It has been confused with another species and the arguments as to its proper identity gave rise to the technical name it now bears.

These two are the only Dogwoods with leaves arranged alternately on the stems and not in opposite pairs. They have a number of worthy tree relatives in the Orient with opposite leaves, indeed, this is the only prominent character distinguishing *C. macrophylla*, also widespread in the Orient, from *C. controversa*. It has a similar shaped crown, nearly identical fruit and abundant trusses of pure white flowers standing erect above the foliage. It is, however, a much larger tree.

THE SHRUBBY VARIETIES

The third group of Dogwoods are all bushes and demand our attention from the beauty of their fruits. They blossom in summer and their fruit forms and ripens with remarkable rapidity. The Silky Cornel (*C. Amomum*) a native of eastern North America may be mentioned first. This is a broad shrub growing from 8 to 10 feet tall especially valuable for the sides of ponds and streams where its long branches can hang gracefully over the water. It produces its heads of small yellowish white flowers in July and these are speedily followed by masses of bright blue fruits of rare beauty. Another native species also with charming blue fruits is *C. obliqua*. This is a more narrow and upright shrub with leaves silvery on the underside well suited for border planting. A common and delightful wayside shrub in New England and elsewhere is *C. racemosa*. Of twiggy habit and suckering freely its masses of slender stems form pure thickets seldom 6 feet tall, but often many yards through. In July it produces its small white flowers in short panicles, enormous in quantity. I mention that it is of twiggy habit and it is a pleasing sight to see a clump or thicket of this Cornel sway to and fro in a strong breeze with the crown of white flowers resembling foam on water. The fruits are pea-like, snow-white maturing early and their beauty

heightened by the stalks which become bright red. Sturdy with broad nearly round blue leaves with noticeably depressed veins is *C. rugosa*, also a native of North America. This is a stocky growing 10 feet and more in height with broad white flowers in compact clusters followed in autumn by blue passing to black fruits. There are other Dogwoods of this group and many more but we may close with the mention of *C. pauciflorus* native to central China which I introduced into cultivation. This is a spreading shrub growing from 4 to 6 feet tall with relatively thick and narrow green leaves and lustrous black flowers. It flowers in late summer and its leaves uncolored far into autumn. This and its late flowering and lustrous black fruits will find place in gardens.

THE EARLIEST DOGWOOD

Harbingers of spring are the fourth group, the Cornelian dogwoods of Europe and northeastern Asia (*Cornus mas* and *C. officinalis*). These star-like yellow flowers in crowded the naked stems and appear long before the anger of buds is softened. These are sturdy shrubs with iron-clad constitutions and planted in ordinary garden any situation ask nothing but to be left alone. Yearly each in spring they put forth their flowers in profusion and in the autumn a crop of scarlet, globose to cherry-like fruits. They ripen more slowly and deliver than other Dogwoods as if just the fact that these are edible and can be made into a palatable preserve. In southeastern Europe the juice of the fruit of *C. mas* is made into a sherbet and in the Orient of *C. officinalis* is a valuable tonic.

The last group of Dogwoods typified by the Red Osier (*C. stolonifera*) found from the coast in North America. This wide-spreading shrub, which spreads freely, forms a dense thicket especially in wet places. It has good flattened heads of white flowers and white pea-like fruits. Its character as a garden shrub, however, is in the brilliant color of its stems through the winter; scarlet to crimson in the winter sunlight, luminous cheering on the bleakest and coldest winter days. One form, known as *flaviramea*, has pale yellow stems which is excellent in contrast with the green. In many ways similar but lacking the stoloniferous habit is the *C. alba* long known in cultivation. This is a far-spreading bush seldom 10 feet high with finely colored stems in winter. Another member of this boreal group need mention is *C. sanguinea*, a common Dogwood of Europe, whose specific name refers to the color of its foliage in autumn rather than to the stems which are much less highly colored than those of its relative expatiated upon.

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"38's" and "48's" and then, the mighty Twin Six, which reigned for eight years—truly a distinguished family.

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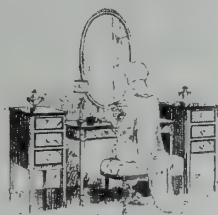
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The authentic antique, or its faithful reproduction possesses, besides its inherent charm, a practical value in that it never goes out of style.

Genuine Mahogany is, of course, intimately associated with old-fashioned things; indeed, the very thought of Mahogany conjures in our minds the four-poster, the high boy, the colonial secretary—and a host of other fine pieces distinguished by the mellow beauty of their age-old wood.

When buying Mahogany bear in mind the soft, lustrous color you associate with these old pieces, and insist that it be so finished that you can readily see every characteristic of the grain and figure of the wood.

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popular designs
—done in silk
on raspberry
in or on a
ground*

MASTER of FABRIC DESIGNERS

(Continued from page 93)

master was very proud of his pupil, no great sympathy existed between them. Boucher, that delightful fantasist, failed to comprehend the trend of La Salle's mind toward the mechanical, and it was owing to a serious difference of opinion on the subject of decoration that La Salle finally decided to seek his inspiration in the Antique and made ready to start for Rome, there to complete his education.

Traveling by poste-chaise, he reached Lyons where he stopped over for a brief visit with a friend of his family, a certain Monsieur Charryé, a prominent silk merchant. In the course of their conversations, Charryé was quick to perceive young Philippe's mechanical leanings and the perusal of his sketch books more than convinced him of his admirable artistic ability. He, a shrewd business man, at once realized the profit to be obtained by applying this art to industry, and he immediately made financial propositions to our artist, who agreed to postpone his trip to Rome in order to experiment in this new branch. It is needless to say that the voyage was never continued. Then and there began a career in which La Salle was to excel.

Presently we find him a partner in the firm and pretender to the hand of Charryé's daughter, an agreeable young person who made him an excellent wife.

At thirty years of age he was devoting his entire time to executing floral designs which were at once transferred to the looms, and which, when put on the market, created such a furor that they attracted Royal patronage, King Louis XV granting La Salle an annuity of six hundred livres.

Far from turning his head, this Royal recognition, on the contrary, only served to stimulate him; for he was now able to redouble his efforts, thanks to this means of multiplying his experiments. All his ingenuity, all his profound sense of observation was now concentrated on the manufacturer of silk goods, which, until this period had been almost entirely utilized for religious garments, aristocratic clothing and decorative draperies.

It was Philippe de La Salle who first produced silk furniture covering

and wall hangings, with a given design made to fit a given space.

He did not hesitate to try to introduce human figures as well as animals by means of the shuttle, which had heretofore only been employed by tapestry weavers. His efforts were crowned with success for he actually put forth portraits of Louis XV and Catherine the Great of Russia, portraits that were real likenesses.

His popularity was immediate and Royalty was not long in showing its appreciation of the discovery. Catherine at once ordered all the furniture in her Palace at St. Petersburg covered with silk made from special designs; and to this day the samples submitted by La Salle to the Empress of Russia, still hang framed on the walls of the shop that, though it does not bear his name, is actually his direct descendant.

Portrait work, too, was well patronized, and besides the king's likeness, La Salle was called upon to give that of Marie Josephine de Sicile, Comtesse de Provence, and he had the honor of presenting it to Her Imperial Highness at Versailles in 1772, when he was received in state and handsomely recompensed for his pains.

But it was not in the artistic alone that La Salle became a master. He did more for the famous silk industry than create admirable new designs and thereby launch anew a lucrative branch of the trade. To the mechanical process of production he opened new horizons by perfecting the machines.

It seems that prior to La Salle no piece of silk had been woven without the removed from the looms, no trace of the design remained, and in order to reproduce it anew the weaver must needs recommence the entire process of setting up the looms; a method which, of course, was very long and costly. It was La Salle who first established a series of "planchettes" of equal dimensions which, when applied to the looms, held the cords in place so that the design might be suspended or recommenced at a moment's notice. These designs with their corresponding cords all ready to operate were kept in a special depository. As

(Continued on page 108)



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MASTER of FABRIC DESIGN

(Continued from page 106)



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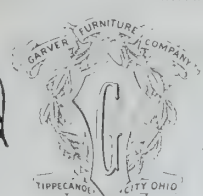
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new order came in all that had to be done to put it into execution was to remove the drawing from its shelf and hook it to the loom, instead of being obliged to devote two or three months to the tiresome "mise en train." Visitors to Lyons today can still see the same planchettes being employed for the reproduction of La Salle's cartoons, but as it is all handwork there are but few pocket books, even in this era of inflated currency, that would not quail before the sum demanded to reproduce the wall hangings at Fontainebleau or Marie-An-toinette's bed cover.

THE DESIGNER'S REWARD

In recognition of his services to the art of his country Turgot, in 1775, invested La Salle with the Order of St. Michel, gave him letters patent of nobility and accorded him an annual pension of six thousand livres.

Continuing his research work, our artist invented the flying shuttle for producing gauzes, and a loom for making goods in various widths. For it must be borne in mind that up until this time no silk material was more than nineteen inches wide.

King Louis XVIth, who himself was of a mechanical turn of mind, became deeply interested in La Salle and had trial looms set up in the Tuileries palace, and in 1783 decorated La Salle with the gold medal which recompensed the discovery considered the most useful to the promotion of commerce.

Strange as it may seem, in spite of the publicity given this innovation, in spite of its official consecration, not only was its authenticity contested, but, later on, it was introduced into France as of English origin. It seems only just that due honor be given La Salle, and it is pleasant to learn that in years that followed the French Government recognized its author by granting his widow a third of his annuity.

During the siege of Lyons in 1793, La Salle's studios were pillaged and his factories destroyed. Naturally his production was suspended and eventually annulled.

With the end of the Reign of Terror, undaunted, he sold all his art collections and personal possessions in order to reconstruct his looms and continue his work. No sacrifice, no pains, no deceptions were so great as to impede progress and production.

Failing health however obliged him to take to his bed. But physical suffering did not hinder mental activity, and noticing the clumsiness of the old-fashioned bed when approached by a surgeon tending a patient, he invented a mechanical couch, capable of being turned in all directions so as to facilitate the doctor's task and procure greater comfort for the sufferer.

It is said that he was also the inventor of a folding device which might have served either as a ladder or as a bridge to span a river; but, sickened by the bloody events which had broken his health and ruined his country, he refused to reveal the secret

which might have been useful in war.

Napoléon, who recognized the services to the world, made him a vice of the Conservatory of Arts, never occupied the position, passed away early in February.

Never content with the production of his looms, he worked up until the very last. Then he realized that the end was at hand, made a hasty will, leaving the Conservatory, and expired a few moments after having signed his bequest.

It is easy to conceive that the vacancy left by so great a master was not easily filled. In fact, in respects it never has been. In an artistic point of view it is not exaggerated to say that stands foremost among drafts of his kind. In gracefulness of design, in comprehension of detail, he has never been surpassed. It is not strange that though his masterpiece was achieved during the XV period, at a time when the seemed to be no bounds to artistic fantasy, it was toward the close of that Philippe de La Salle learned decidedly?

When the tide turned toward simplicity, when decoration sought inspiration from antiquity, it was that we find our artist at his best.

No finer production, from any point of view, has ever been aimed than the broché satin covering made for the nuptial bed of Marie Antoinette; a gift from the city of Lyons, and which now forms part of the French national art treasures. It is a very close observer to discern the pattern is not in needlework, but in broiery. In fact in some places the work is to be found, but this is due to the fact that the white satin covering has become worn, and the design has been transferred by hand to new material.

DETAILS OF THE DESIGN

The pattern itself consists of woven branches of reeds, roses, laurel, entwined with garlands of flowers, while in reserves are instruments or wild game, all in broché or chenil. The pattern which hangs behind the headboard shows a classic landscape with a river and the cartoons, as carefully worked out as any 18th Century gown, may be studied in the Museum of Art at Lyons.

It would be difficult even with modern improvements to undertake such a vast piece of work as the production of this tissue. It is estimated that it would necessitate at least a hundred thousand patterns.

Another celebrated design in the material which drapes the bed belonged to His Majesty Louis XV, while the "Faisan doré," "la Cour de Fleurs" and the "Pardrix" patterns which never grow old, always a pleasure to the eye, are surfeited with modern attempts at "something different".



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Staccato Etude— <i>Rubinstein</i>	LEVITZKI
On the Wings of Song— <i>Mendelssohn-Liszt</i>	LHÉVINNE
Spinning Song— <i>Mendelssohn</i>	RACHMANINOFF
Papillons— <i>Rosenthal</i>	ROSENTHAL
Fantasia Impromptu— <i>Chopin</i>	SCHNITZER
Largo— <i>Handel</i>	SUSKIND
Minute Waltz— <i>Chopin</i>	BLOOMFIELD-ZEISLER

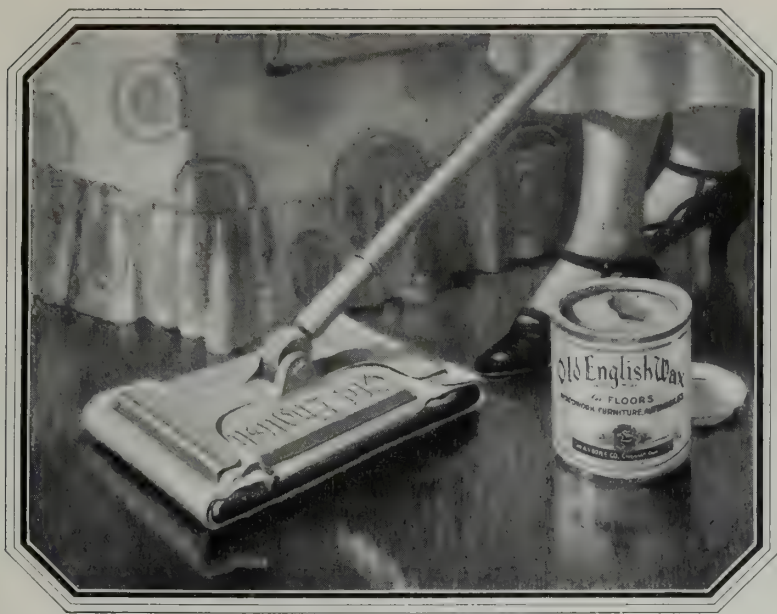
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Address

TWO WAYS A ROOF LEAKS

J. M. BERDAN

RECENTLY an expert roofing man examined the roof of a well-built house in Chicago and then turned to the owner and said:

"Your roof leaks and it's costing you a lot of money." The owner laughed.

"You're crazy," he said, "my roof doesn't leak a drop. Believe me, when a roof leaks you know it."

"Here's where you learn something," said the roofing man. "You don't always know it when your roof leaks. In fact, the leaks that you don't know about are usually more costly than the ones you can see."

"Tell me all about it," said the owner.

"There are two ways that a roof can leak," said the roofing man. "Sometimes it leaks water in. When this happens you know it at once and you usually repair it at once. That's the end of the thing. But sometimes your roof leaks the other way. It leaks out. It lets heat escape which it has cost you money to produce. For this reason a roof that leaks out sometimes costs a whole lot more money than a roof that leaks in."

"And this doesn't only apply to the roof, either. It applies to the side walls of your house to almost as great an extent."

In the above statement the roofing man put before the owner facts which have been known for years by engineers. Through their efforts the doctrine of heat conservation has been spread. And the average home owner is startled when he realizes the large amount of fuel wasted by heat leakage through the roof and walls of his uninsulated house.

Most of this leakage can be prevented by proper insulation. Building insulation has always been a good investment in comfort because it keeps a building warmer in winter, cooler in summer, and quieter all the time. Now, because of the high price of fuel it is actually cheaper to build a warm house than heat a cold one.

Almost every type of roof—copper, slate, asphalt, shingle, tile—leaks heat unless properly insulated. This heat is lost either by actual seepage through cracks, such as is the case with wooden shingles, or is lost by radiation. The latter is due to the fact that many roofing materials are rapid conductors of heat and when warm air comes in contact with the underside it is quickly carried off by the cold air outside during winter.

And in the summer the reverse is true. On a warm day open the door of any attic with an uninsulated roof and you immediately feel as if you were entering an oven. In other words the average roof acts as a conductor; in summer it lets in the heat you want to keep out and in winter it lets out the heat you want to keep in.

This is also true of outside walls which are exposed to the cold of winter and the heat of summer.

The next time you are in a house with uninsulated walls during cold weather try this test. Place the palm of your hand flat against the plaster wall of a partition between two rooms. Then step immediately to an outside

wall and place the same palm the surface some distance from the radiator. The outside wall is much cooler than the partition. This is because the wall is insulated and the cold air is sucking away costly heat.

There are many insulation markets and unless the prospective builder knows the qualities of a good insulation he is apt to be appointed when it comes to

To meet the exacting demands of modern construction a building must be sanitary or it is a threat to health and safety.

It must be durable because of the oration and necessity for repair in a few years not only means expense but such repairs are practically impossible after the building has been completed and

And what is more important must be vastly more than a mere "insulating"—it must insulate effectively offering the maximum resistance to heat, cold, dampness and sound.

And it certainly ought to be readily inflammable.

Sometimes flax straw fibre is used either in quilted or semi-rigid form. In both forms it must be applied thick to get suitable insulation because of the small number of air cells in a given space.

A variety of sea weed or kelp grass is also used. Being non-inflammable it is more desirable than straw.

Ground cork, compressed in sheet form is also used. Being in the sheet form it must be carefully cut and tight joints around irregular shapes.

Cattle hair, well cleaned, is used and made up in quilted form makes a sanitary, effective and economical insulation for the roofs and walls of buildings.

This hair insulation consists of a heavy layer of thoroughly cleaned cattle hair securely fastened between two sheets of asbestos paper chosen for the conditions under which the insulator is to be used.

Building insulation has long been accepted as a good investment in industry. Conservation engineers have saved millions of dollars for industry by reducing the loss of heat.

But not sufficient attention has been turned to the enormous waste of heat in houses. We have been content with a thin sheet of what is called building paper. This is better than nothing but it is about like wearing a linen duster in December instead of an overcoat.

Fortunately, attention is now being turned to the enormous waste of heat in the average uninsulated house. No less an authority than Charles P. Steinmetz, Chief Consulting Engineer of the General Electric Company was some time ago quoted in *Current Affairs* as saying:

"Our present structural methods are causing annual leakage of literally hundreds of millions of dollars worth of heat."

House insulation is the most ready well on its way to being a fact for the home owners of America.

The perennial popularity of velvets and velours for overhangings in private houses as well as clubs and hotels is due in a large part to their rich deep color tones which give such a delightful contrast to the lighter fabrics that serve as undercurtains.

Chamberlin Dodds



Harvey White

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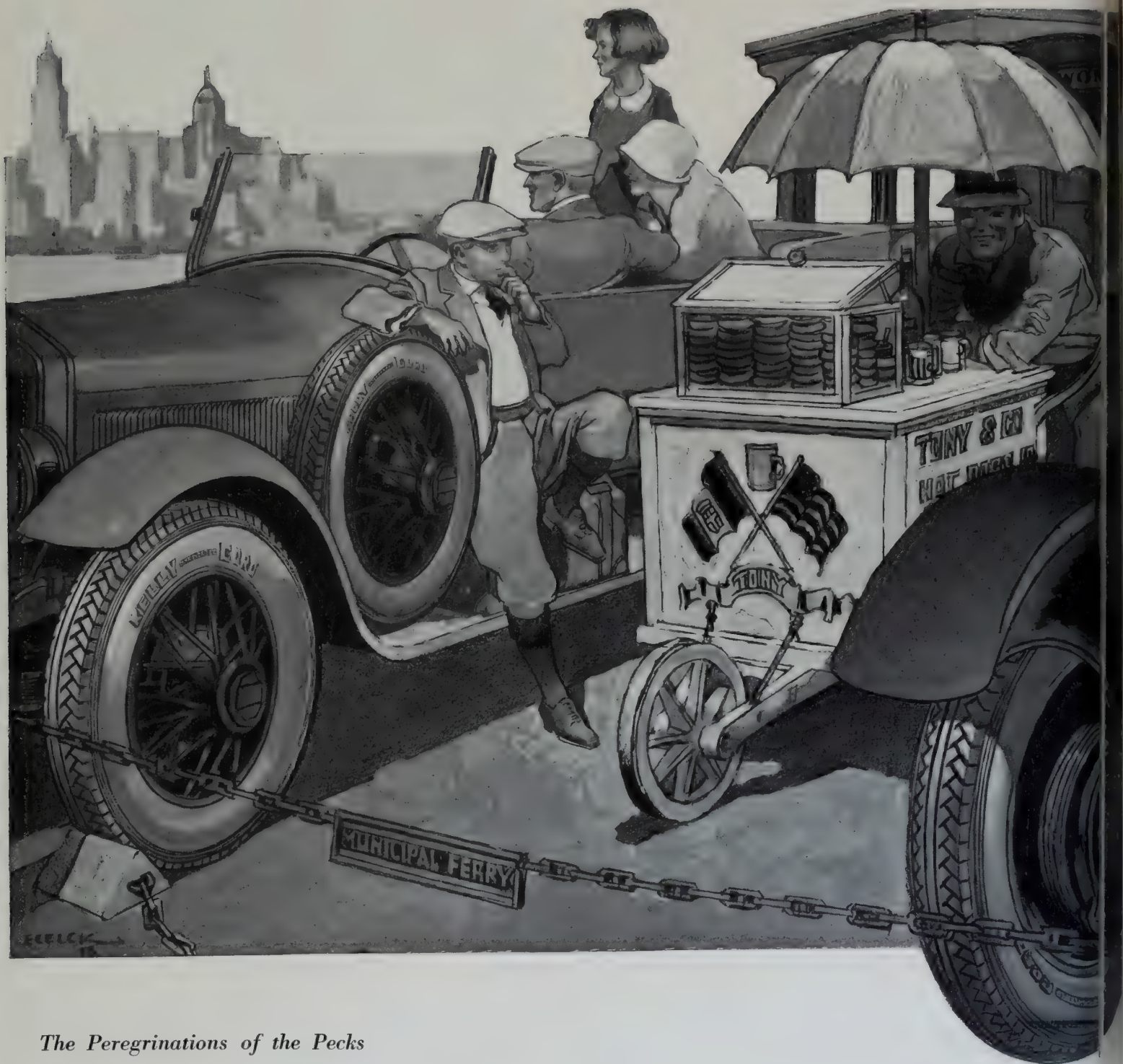
MERRIMACK VELOURS ARE GUARANTEED SUNFAST

THROUGHOUT changing styles in lighter draperies, velours continue as the favorite material for overhangings. These permanent draperies must be sunfast to give years of service. Merrimack velours are preferred by decorators and discriminating buyers on account of their permanently lustrous finish. Our new sunfast line in a wide range of colors is presented as a fabric of superior quality for drapery and upholstery work.

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Lawrence and Co., Selling Agents, 89 Franklin St., Boston—24 Thomas St., New York.

The KELLY FLEXIBLE CORD



The Peregrinations of the Pecks

As the ferryboat churns across the Hudson toward the New Jersey shore, the Pecks take their last look at the Manhattan skyline and realize for the first time that their long-planned trip to the Coast actually has begun. With fine weather, a good car, plenty of time, and last but not least, a full complement of Kelly-Springfield Tires, the prospects for the journey look bright. Jim has never yet been able to get enough golf, and if the family runs across any good courses a little further south, the trip may be somewhat delayed. In fact, we should have no hesitancy whatever in addressing the Pecks' mail to Pinehurst, N. C., for a few days.

THE KELLY FLEXIBLE CORD is the best tire Kelly-Springfield has ever built. This statement is meant to be taken literally and not a mere advertising catch-phrase.

The construction of the Flexible Cord is different from that of any other tire. The bead is built in as an integral part of the carcass, making a stronger and yet less rigid construction which also makes possible the use of a flexible tread. The Flexible Cord is sturdier than the former Kelly Cord and at the same time is more pliable. To the car-owner this means a combination of mileage and easy riding that hitherto never has been equaled, either by our own tires, or so far as we know, by any other.

KELLY-SPRINGFIELD TIRES



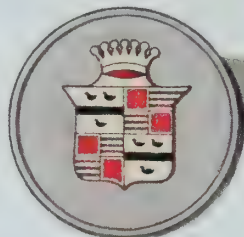
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Division of General Motors Corporation



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⌋ Listerine used as a mouth-wash quickly overcomes halitosis (unpleasant breath). ⌋



Lack of sleep costs the country more than a billion dollars a year!

An average of 2,000,000 people are sick or "out of sorts" every day in the United States. Counting only the value of the time lost by workers, the cost to the country is something like \$1,500,000,000 annually.

Preventable diseases also carry off more than 400,000 adults each year. Since economists value a "grown-up's" life at \$5,000, this means an additional loss of \$2,000,000,000.

Much of this waste could be ended by correct sleep habits. Better than any tonic, unbroken rest eliminates fatigue poisons, builds vigor

and energy and fortifies us against the many serious maladies which attack weary bodies and exhausted nerves.

Before you go to bed tonight, make sure that *your* mattress and spring are not robbing you of the sleep you need and thus shortening your life, perhaps. Compare them tomorrow, at any leading furniture store, with Simmons quality mattresses and springs.

Styles to suit every taste: prices to fit any purse. Built of *new materials* by the world's largest maker of sleep equipment. *The Purple Label* is now the finest mattress made in America.

Restrained but vivid color gives the key to this individual chamber. The Venetian blue of the closet doors (striped in gold) is repeated in the comforts and the satin borders of the bedspreads. The latter may be of ivory satin or mercerized cotton taffeta. Wilton or chenille rug in terra cotta. Tinted walls in soft primrose. Wall hanging in brocade or damask with pattern in gold. Beds, table and chiffonier are from a complete new suite of Simmons Steel Furniture, Design 122, in a permanent finish reproducing antique walnut. May be had also in French walnut, mahogany and American walnut, or a range of new and lasting colors: smoke blue, coral, soft gray, jade, lacquer red, old ivory. Beds are Design 1841. Write for an interesting color booklet, "Restful Bedrooms," to The Simmons Company, 666 Lake Shore Drive, Chicago.

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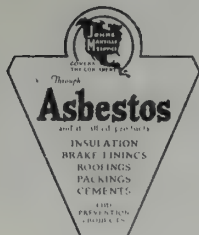


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TO the beauty in a roof of Johns-Manville Colorblende Asbestos Shingles is added assurance of absolute fire-safety, eternal durability, and complete freedom from upkeep expense or concern of any sort about your roof.

Write for Colorblende Book, to Johns-Manville Inc., 292 Madison Avenue, at 41st Street, New York City.



JOHNS-MANVILLE

ASBESTOS SHINGLES

"We saved \$41.20 worth of coal the first year."

"Before installing Monarch Metal Weather Strips, we were burning 7 tons of coal a year," says Mrs. John A. Ohman, of Marblehead, Mass., whose home is pictured here. "Since installing the strips, our house is much warmer, is free from draughts and dirt, and we now burn only 4½ tons of coal a year. We saved 2½ tons or \$41.20 worth of coal the first year the strips were installed."

The total cost of Monarch protection for Mrs. Ohman's home, with its six rooms and bath, was but \$123.00. Monarch Strips were installed by the H. E. Horrook Company, Monarch Agents at Boston, Mass.



Does the size of your fuel bill depend on the size of your heating plant

—or on the size of that crack around each of your windows and doors?

One may spend months deciding which heating plant is best for his home. He consults an architect, talks to an engineer, gets the advice of his friends. He insists on facts and figures, and buys with the sound, practical business judgment warranted by the size of his investment.

And then, far too often, he deliberately defeats the purpose of his costly heating plant by a careless choice of weather strips. He succumbs to the age-old fable that "all weather strips are alike"—and, as the months and the years slip by, wonders why his fuel bills keep steadily climbing, and why his carefully chosen heating plant fails to provide the comfortable temperature for which he is paying so dearly.

Soon or later he realizes he should have used the same forethought in selecting his weather strips as he did in selecting his heating plant. He learns there is as much difference between various kinds of weather strips as between various kinds of heating plants. He begins to appreciate the importance of controlling

That 1/8-inch crack

Even when your house is new, there is a crack at least 1/8 inch wide all around each window between the sash and frame. That crack is left there to permit the windows to slide up and down. But as the heating plant is put in operation the wood dries out, the sash shrinks, pulls away from the frame and the crack gradually grows larger. Cases have been found where this crack has increased to 1/4 inch at the end of the

second heating season. The average crack, however, is 1/8 inch wide.

Cold air—thousands of cubic feet of it—filters in thru that crack every hour. And as the cold air filters in, the money-made heat generated by your carefully chosen heating plant departs for the great outdoors thru that unprotected 1/8-inch crack.

Only one way to stop it

Any kind of weather strips will stop it—temporarily. But only Monarch Interlocking Metal Weather Strips will stop it permanently.

Monarch two-member interlocking strips give and take with the sash as it swells or shrinks. They hold the sash in the same position at all times. And they not only last as long as the building itself, but always work as well as new. Proof of their greater worth is found wherever you go. Mrs. Ohman's letter tells what Monarch Strips have accomplished on her home at Marblehead, Mass. The first year they were on the windows and doors of Edwin F. Guth's 18-room home at Webster Groves, Mo., Monarch Strips cut Mr. Guth's fuel bills \$268.76.

For the pastor of St. Engelbert's Church at St. Louis, Monarch Strips saved \$490.43 on heating costs in two years. Reports of similar reduction come from home-owners and building managers everywhere.

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4920 Penrose Street St. Louis, Mo.
Representatives in All Principal Cities

MONARCH METAL WEATHER STRIPS

Interlocking Type No. 400

Standard Control of Infiltration (air leakage thru windows and doors)



Monarch is the Only Interlocking Adjustable Strip

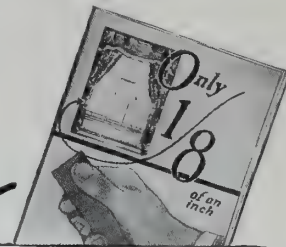
This sectional view of Monarch Interlocking Metal Weather Strip No. 400 shows why this strip—and this strip alone—provides positive, constant protection regardless of swelling and shrinking of the frame and sash. Two members—one tacked to the frame, the other to the sash—interlock with each other. As the sash swells or shrinks, these interlocking members swell or shrink with it, reducing that 1/8-inch crack to an opening no wider than a thin sheet of paper. Positive, constant protection against in-leaking air and departing heat is provided as long as the building lasts.

Booklet and Estimate Free

The coupon below will bring you a free estimate of the cost of Monarch protection for your home. It will bring you, also, a copy of that interesting new booklet, "Only 1/8 of an Inch," which tells why weather strips are necessary on every building—why old-style weather strips defeat the purpose of your heating plant and send fuel costs climbing—and why Monarch Interlocking Metal Weather Strips alone control air leakage thru windows and doors, and save fuel. Clip, fill in and mail the coupon—NOW!



Mail



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(No. here) windows and (No. here)
doors. Also send free copy of your new booklet,
"Only 1/8 of an Inch."

Name
Address



Our evenings are a delight, now, to look forward to

Under the Spell of the Duo-Art

JOSEF HOFMANN says:

'As you know, before I entered into an agreement to play exclusively for the Duo-Art, I made a very thorough investigation and convinced myself that your instrument was superior to all other reproducing pianos. During the past few months I have had a Duo-Art in my home at Seal Harbor and my enthusiasm for this great instrument has increased as my familiarity with it has grown.

"One thing is certain; in the reproduction of my own playing the Duo-Art is so far superior to any other instrument of its kind that there can be no real basis for comparison."



INNER is over and again we gather for one of what we have come to call our "Armchair Recitals". It's wonderful how these draw the family together and make the young folks forget possibly less wholesome entertainment.

And we never seem to tire of them, tho' we've had so many, since the great piano came, months ago. But, of course, we couldn't, with all the beautiful music of the world to draw on and all the great pianists of the world, to play it for us.

We've already a fine collection of recordings by Paderewski, Hofmann, Gabrilowitsch, Bauer and other favored ones, as well as splendid lighter pieces—classics, songs, old and new played by perfectly wonderful pianists.

Our evenings are a delight, now, to look forward to. Our little family gathered about the Duo-Art, as families used to gather about the hearth-stone. Drawn closer together by a common interest and made, I think, each of us a little finer, a little better, by music's magic spell.

The DUO-ART REPRODUCING PIANO



Our little family gathered about the Duo-Art, as families used to gather about the hearth-stone

What is the Duo-Art?

A Perfect Piano

It is first of all a splendid piano, in our case, a lovely little Weber Baby Grand. Mother plays it by hand and I play, and we both adore its sweet, rich mellow tone and sympathetic action. Rachel is taking her lessons and practises on it, and her teacher says it is the finest piano she has ever played.

A Pianola

Then it is a Pianola, with perfectly wonderful devices for putting one's own *expression* in the music. Dad and Ray particularly admire this feature of the Duo-Art and spend hours playing it this way. They have both become very expert and it's extraordinary with what taste and feeling they can interpret even the really difficult things.

A Reproducing Piano

But best of all, it is what is known as a *reproducing piano*—a piano which reproduces performances that have been played upon it.

Isn't it wonderful that an instrument could be made so sensitive and yet so powerful, that the playing of a Paderewski or a Hofmann can be faultlessly reproduced? That can play one moment

with soft, lingering pianissimo; the next with thundering staccato chords?

Authorized Rolls

There are special rolls for the reproducing action, made by the artists themselves, while actually playing. If we should question if it was really Hofmann, for example, who was playing, the roll itself answers the question. Each Duo-Art roll has this upon it:

"This roll is my interpretation. It was recorded by me for the Duo-Art, and I hereby authorize its use with that instrument."

(signed) JOSEF HOFMANN

When we were looking into the subject, we investigated several instruments and found the Duo-Art *was the only one with authorized rolls.*

We liked the Duo-Art best in every way, but this alone would have decided us.

Distinguished Pianos

The Duo-Art may be obtained in the following distinguished pianos—The Steinway, Steck, Wheelock, Stroud, Aeolian and famous Weber, Grands and Uprights, electric and foot-impelled. Prices from \$695 upward, freight additional. Allowances on other instruments in exchange. Moderate monthly payments.

A few of the pianists who record exclusively for the Duo-Art

Paderewski	Hutcheson
Hofmann	Myra Hess
Bauer	Stravinsky
De Pachmann	Siloti
Gabrilowitsch	Powell
Bachaus	Schelling
Grainger	Rubinstein
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Fong Long Kon, who made this panel in 1690 drew on his imagination for one of the Chinese fabulous animals. From the Metropolitan

PALACES AND PARADISES

(Continued from page 84)

three inches and twenty-one feet.

The subjects for decoration were usually chosen by Coromandel lacquer artists from legendary lore, Taoist or Buddhist scenes such as the T'ien T'ang or celestial Paradise of the Taoists, Palace scenes of the Han dynasty as the Chinese artist imagined them to be from 206 B.C. to A.D. 221, and such scenes contemporary with his own times as that of the Palace scene of the Emperor K'ang-hsi already described. These great pictorial decorations maintained, more or less, the tradition of the *horror vacui* coming down from the primitive artist; nevertheless, despite the fact that these scenes completely cover up the great spaces reserved for them, water and ground and sky are left black with tremendous effect. These great scenes were surrounded by various symbols borrowed from Taoist, Confucian and Buddhist art, and also by panels containing smaller subjects from Chinese legend. Sometimes lengthy inscriptions were combined with decorative motifs, or entirely given over to decorative panels. A narrow border, symbolic in design, was placed around the great central scene of the front and again a narrow border of this sort framed the boundaries of the screen, front and back. As with Chinese inscriptions, one "reads" the story as pictured in the scenes from right to left, the culminating events, if there are such in the scene, being shown on the left hand panels.

These old Coromandel lacquer screens were highly prized, not only by the Chinese themselves, but by European art-lovers as well. The Portuguese, Dutch and English traders of the East India Company always found the demand for them greater than the supply, and that they were snapped up as soon as they were shown. Cardinal Mazarin is said to have placed a standing order for Coromandel screens with the Portuguese merchants. Coromandel lacquer, notwithstanding the favor with which it was regarded, was one of the few arts of the Orient which in the 17th and 18th Century escaped imitation. It is a difficult thing to imitate, an almost impossible thing to imitate with any degree of success and then the cost of producing such an imitation would be discouragingly great to the

get-rich-tribe of fabricators of indulgent antiques. But if the 18th century *ébéniste* did not resort to imitating Coromandel lacquer work, he did not, alas, hesitate to break up such these superb screens as now and then might come his way, and insert sections of them as panels in pieces of his furniture, or to cut down the screens to those having a lesser number of folds than the originals had. I do not know to what extent this vandalism was practiced, and the compound objects which have survived are too few to give indications of the practice seems to have brought about no contemporary protests.

The technique of Coromandel lacquer somewhat resembles, in fact, that of *champlevé* enamel, though the surfaces to receive color being incised or dug out, just as the surface of the metal is dug out to receive the colored enamels in *champlevé*. The color is applied flat, that is to say, in one tone, but the varying depth of the grooving of the irregularly carved surface on which the color is applied, naturally bring about a variety of shading by reason of the manner in which the light falls and shifts upon this irregular color surface. Thus while only white and red and green and yellow and blue and gold may be used, the painted lacquer appears to have a greater variety of color-tones than just six, or the actual number of tones used.

The base of Coromandel lacquer consists of a wood which is not invariably hard in texture and heavy in weight. On this foundation, after a layer of a white coating is built up with an even surface and of an even thickness, a tedious process requiring great care. After this clay paste has been applied and dried and smoothed with pumice stone, then a layer of black lacquer is applied and when dry, polished with great care. This operation has to be repeated until a perfect surface for the black lacquer coating is obtained; the black lacquer coating, however, remains thin. Through this the design is next struck into the white understratum and cutting through the wood of the panel. These prepared surfaces are then dusted and prepared to receive the color and gilding which are then applied. The underlaid

(Continued on page 122)

DIRECTORY of DECORATION & FINE ARTS



WINDOWS

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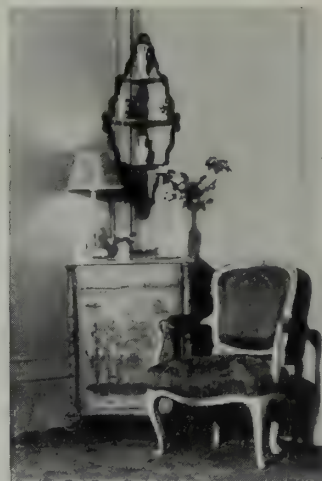
*Interior Decorator &
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NOW is the time of year to begin thinking about new curtains. The heavy hangings of the winter should be replaced by lighter fabrics—gay chintzes, crisp organdies, dotted muslins or the charming sunfast taffetas which now come in a variety of lovely colors as well as in interesting striped designs.



CHINTZ offers the most satisfactory solution for the problem of summer curtains. This delightful fabric with its wealth of design and crisp cool appearance adapts itself to many types of decoration. The designs range all the way from the large, conventional patterns intended for a formal living room to the delicate flowery figures, distinctive in design and charming in coloring, that adds so much interest to the small, intimate type of country house morning room. For children's rooms and nurseries there are old-fashioned flower patterns as well as fairy tale scenes, and one of the most amusing and original fabrics intended for a child's room is a chintz with scenes from Aesop's Fables. Nor is



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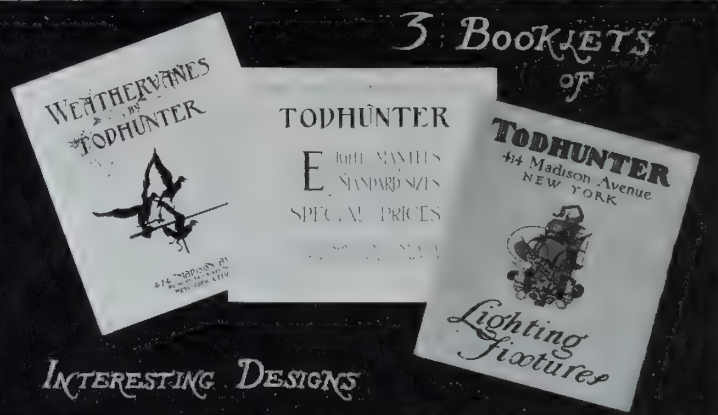
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DIRECTORY of DECORATION & FINE ARTS



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the man's room neglected. Chintzes and block printed linens with dark grounds and conventional patterns are used for both slip covers and curtains, giving the room interest and variety without in the least detracting from its masculine character.



IN CHOOSING a chintz for curtains or slip covers the first thing to be considered is the size of the room. Don't make the mistake of selecting a pattern with a large flower design if the room is small. This matter of scale is one of the most important factors in decoration. A small country house living room requires a small patterned chintz, just as a large city drawing room needs a fabric with a large, formal design in keeping with the dignified character of the interior.



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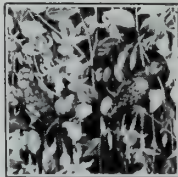
ONE of the loveliest of the new chintzes has a flower design in mauve, pink and deep plum color on an apple green ground, a charming fabric for bedroom curtains, especially if trimmed with two-inch ruffles of mauve taffeta, put on with a cord covered in pink taffeta. With this chintz the walls and woodwork should be pale mauve and the undercurtains pink gauze. Make a bed-spread of mauve taffeta or poplin trimmed in pink and drape the dressing table in apple green taffeta—the shade of the background of the curtains, trimmed with a lattice design of narrow mauve ribbon.



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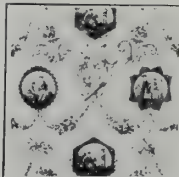
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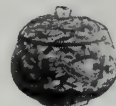
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WHEN there is only one set of curtains these can be made interesting with decorative tie-backs or valances of matching or contrasting materials. If the curtains are edged with pleated ruffles the tie-backs may be flat rosettes of pleated ruffles half the width of those on the curtains. Or the hangings may be held back with glass rosettes. Charming reproductions of old glass tie-backs are now available in such colors as amethyst, pink, green, amber or blue, as well as clear crystal. Effective also is a china tie-back made in the shape of a rose, with green glass leaves. This should be used with pink organdie curtains and a valance made of a wall-paper border in a design of roses.



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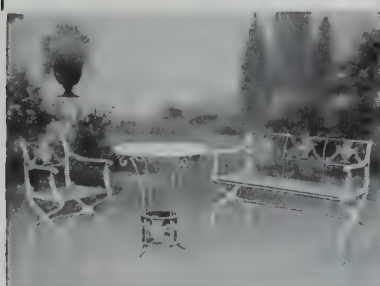
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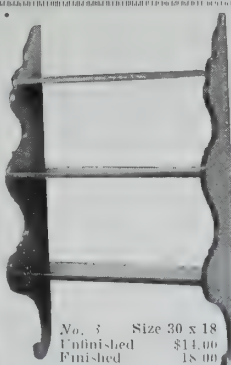
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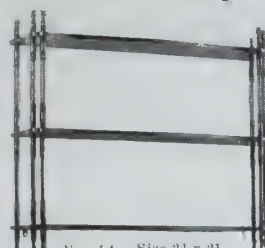
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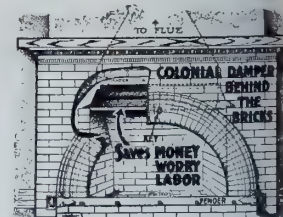
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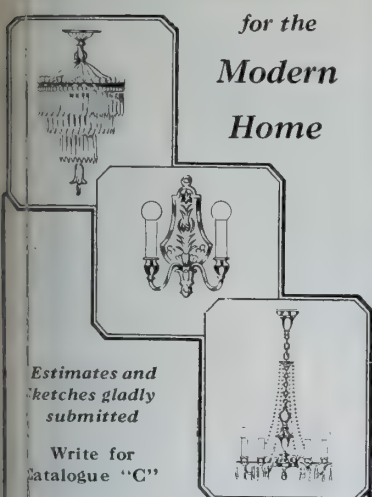
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A **VALANCE** made of a contrasting material—a metal cornice, painted board or strip of wall paper—is a bit more interesting than one made of the same fabric as the curtains. Metal cornices and painted boards require hangings rather formal in character, but for the simple type of gauze, net or organdie bedroom curtain, nothing is more charming than a reproduction of one of the old wall paper borders. These are about five inches wide and come in a variety of colors and patterns—flower designs as well as formal scroll effects. They must be mounted on a thin strip of board and then shellaced.



GLAZED chintz in gay flower designs makes delightful bedroom curtains, especially if trimmed with crisp taffeta ruffles, either pleated or gathered, in a color to harmonize with one of the shades in the chintz. Or a simpler form of trimming might be used—an inch binding of taffeta or plain chintz in a different color.



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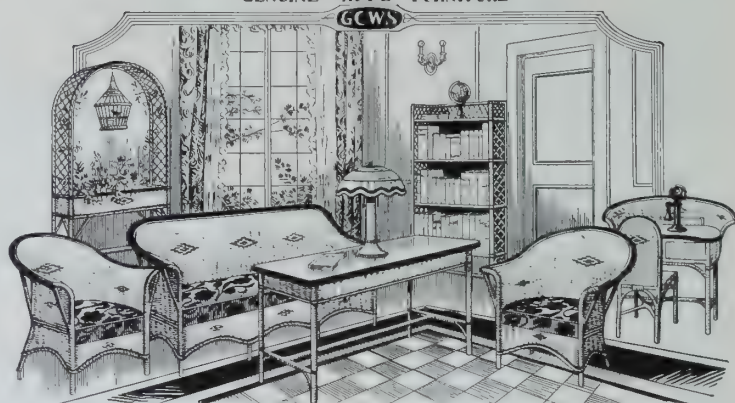
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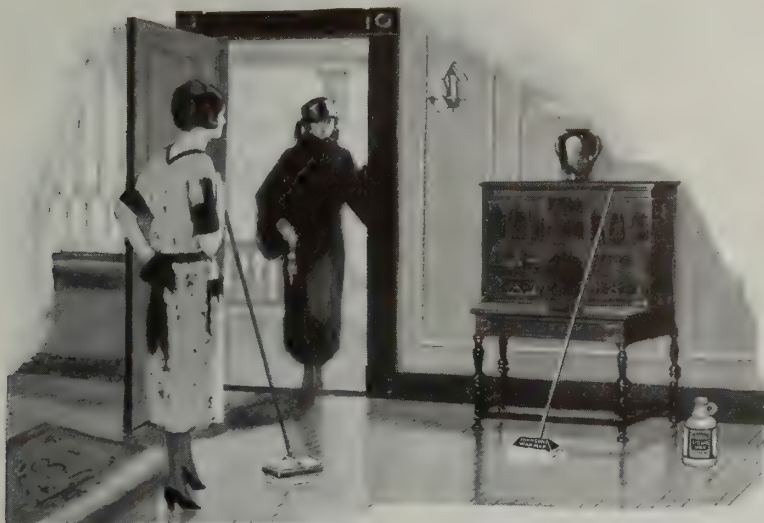
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PALACES AND PARADISES

(Continued from page 116)



"Come in, Martha,
—I'll be through in a minute!"

"I'VE been waxing the floors this morning—we had a birthday party for Jackie yesterday and the children danced all over the house.

"Yes, they do look nice, don't they? And it's only taken me half-an-hour. Several years ago I had the floors refinished with wax largely on the children's account—waxed floors are so clean and sanitary for them to play on! Another advantage of waxed floors is that children can romp on them all they want to without injury to the finish.

"But, while I had the floors waxed originally for the children's sake, I shall certainly keep them waxed for my own sake. It's so quick—and easy—and clean. No mess—no rags or pails—no soiled hands—why, you don't even have to stoop!

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"All you do is pour the Liquid Wax on the Mop—this cleans the floor and, at the same time, deposits a thin film of Wax. A few brisk strokes with the Weighted Brush will quickly bring this Wax to a beautiful, artistic, durable polish. It takes only a few minutes and is as easy as running a carpet sweeper.

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1 Johnson's Weighted Floor Polishing Brush.....	3.50
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	\$6.65

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JOHNSON'S LIQUID WAX

black portions of the panels are left as they are. In time these black areas turn somewhat brownish in hue, resembling deep sepia. M. E. A. Séguy, whose recently published monograph, *Les laques du Coromandel*, outlines the method used by the worker in Coromandel lacquer, suggests that the hue of the black ground gives indication of its age, the panels whose black is a clear black being assigned to more recent periods than those having the brownish-black.

Despite the conventions of Chinese art, the Coromandel lacquers of different artists, even though we may not know their names, should present individual characteristics. Mention has already been made of the fact that the Chinese artist in Coromandel lacquer

work left his land, sky and water black. Just as in the best tradition of the art of the woodcut the wood engraver works for the effect of white on black, so did the Coromandel lacquer artist work for the effect of white on black, and not of black on white. In this respect he occasionally resembled his confrère, the ceramicist who decorated the Chinese porcelain of the *famille noire* sort. Séguy points out that the artists of the late Ming dynasty (this drew to a close A. D. 1644) depicted plant life with extraordinary botanical exactitude, and the artists of the K'anghsi period were scarcely less skillful. Thus it is that the floral decoration on Coromandel lacquer panels has an interest to scientists as well as to art lovers.

THE ROLE OF THE MIRROR

FEW people realize the endless possibilities of the mirror in the scheme of decoration. This delightful accessory in addition to its practical role of enlarging a small interior and brightening up a dark one can be used in a variety of ways as pure decoration. When handled with skill it adds unmeasurably to the appearance of a room often giving variety and interest to an otherwise uninspired space.

One of the most effective ways of using mirrors is in narrow strips as frames for wall paper panels. Here the strips should be about two inches wide. Very charming was a country

house living room with walls done in this manner. The paper panels had a strong light blue background and a brilliant flower design in yellow and mauve. Because of the pictorial effect of these panels no pictures were hung. The walls around the fireplace and the section over the mantel were paneled and painted the blue of the paper. A mirror inset above the mantel, framed in simple wood mouldings, repeated the motif of the frames. Frame of this type were also used in an early Century English room around Chinese paintings on silk. Here the glass was framed in narrow lines of lacquer.

(Continued on page 124)



This small gilt Venetian mirror is hung above a commode painted green and gold.
Margery Sill Wickware

Treasure" Solid Silver

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925/1000 FINE



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5 Pieces \$185.00

This little set has been so thought-
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*N*OW! you may have an adequately be-silvered dinner for six—silver that is genuine, solid silver all the way through—at a very modest cost.

*Where Six of One and
Half a Dozen of the other
May Become Eight*

to-be, when they see this set, say to each other, and to their favorite jeweler, "Here is indeed sympathy and social sense

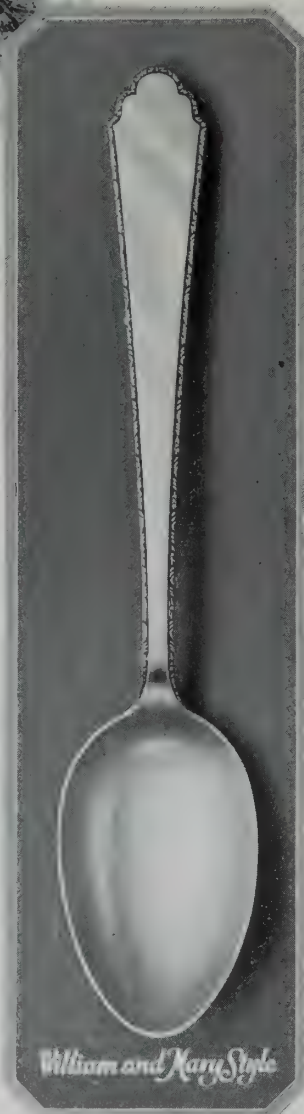
expressed in silver."

Forsaking an immemorial trade custom under which all sets were made up in dozen or half dozen lots, Rogers, Lunt & Bowlen have intelligently selected the *exact* minimum number of pieces needed of each required article, whether six, eight or twelve—no more, no less, thus making your dollar do its utmost duty. The hostess, young matrons, brides-

Like the pioneer recognition of society's interest in period designs which was met in "Treasure" Solid Silver with such smart period patterns as the famous Adam and William and Mary, this thoughtfully composed set is simply another one of those happy mergers of imagination, art, and silversmithing that heighten the esteem in which this unique silver is held.

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So effective yet so inexpensive

Colors of bright or soft beauty; remarkable wearing quality—yet costing so little! This is Klearflax—the only floor covering woven entirely of linen.

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Name

Street

City

H. & G.—April



This decorative white and gold mirror and console are used in a narrow hallway. Ruby Ross Goodnow, decorator

THE ROLE OF THE MIRROR

(Continued from page 122)

Another charming use for mirrors is as valance boards over curtains of silk or satin. These are about five inches wide and gracefully curved at the bottom, the mirror sections held in place with a small glass rosette in the center. At the lower edge is a narrow line of black glass for a note of accent. With this type of valance may be used round mirror tie backs.

This picture at the bottom of this

page shows an effective way of using mirrors in a door. Here the panels are outlines with narrow moldings painted dull gold, the woodwork of the door being dark green to accord with the green note in the marbled walls. The growing interest in decorative doors of all kinds has resulted in some unusually interesting treatments—painted effects, wall paper, appliques, and prints and mirror panels.



The front door in the home of Ruby Ross Goodnow is given distinction by mirror panels



SO LOUNGE smartly is an art. This Coxwell Chair, as tailored as Bond Street, as comfortable as a soft collar and as characteristic of its owner as his pet niblick, strikes the keynote of smartness with comfort. The chair is called "The Regent". The rams-foot leg and Ionic arms are adapted from old English originals. The down filled cushions and roll back are upholstered in Jacobean tapestry, brown on fawn velour trimmed.

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KENSINGTON MFG. COMPANY
MANUFACTURERS AND IMPORTERS
DECORATIVE FURNITURE & ART OBJECTS
NEW YORK

SHOWROOMS, 41 WEST 45th STREET, 6th FLOOR



Merrill

A strip of brocade, a bowl of flowers, a favorite portrait photograph—these are enough decorations for a piano. Elsie Cobb Wilson, decorator

LIGHTING THE PIANO

(Continued from page 72)

to long established canons of beauty cries out against it. Chairs, sofas, tables and cabinets resent its arrival. Delicate fabrics in its proximity wilt, or become garish. The most priceless objets d'art placed on its shining surface might as well have remained in a shop window for any addition of allure they might be supposed to bring to the room.

The piano must be dressed—unadorned it challenges the room. The garment may be a voluminous covering of old silk or brocade or a chaste and more closely fitting panel of satin. When its owner demands that it remain nude, then a large vase of numerous high flowers should always live upon it to carry the eyes of all beholders past the dreary region of blackness.

The piano dressed, or undressed, should never be allowed to become a repository for chance bric-a-brac, a vase or two of flowers, or leaves, and one arresting object—something that is bold and brilliant in outline and color should make its complement. The silver-woven table cloth of a Doge and a prancing Ming horse, the amber bead hanging of a Chinese Empress and a marvelous bronze head from some ancestral shrine, a great crystal vase of pink roses—these are personal fancies.

After dressing a piano we come to the equally important question of lighting it. The only excuse for a piano in a room is that it is something

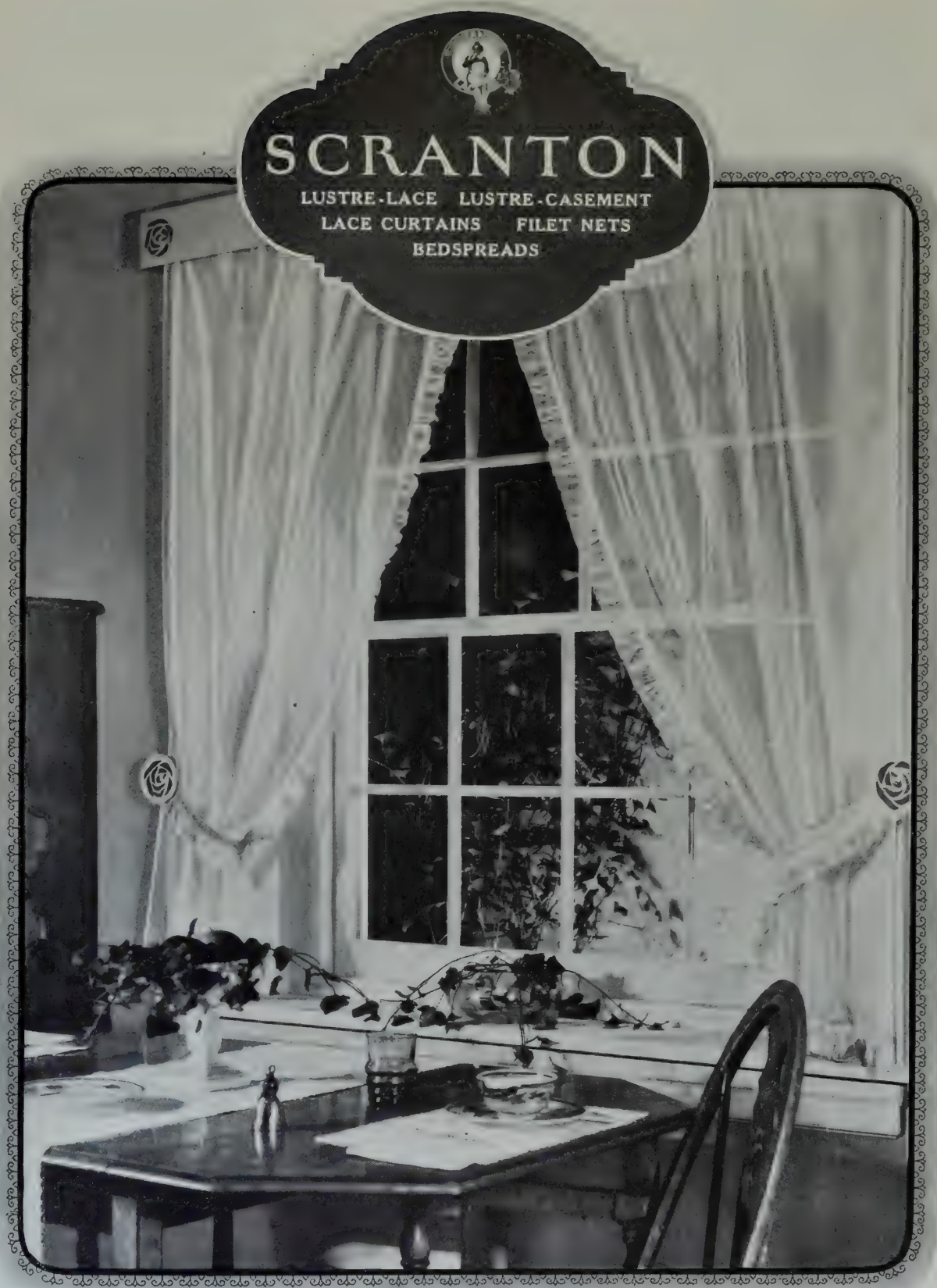
that is constantly used. The piano in the average living room is seldom well lit. A piano should always have a back light, either a lustre in an alcove, or a lamp by the wall side. When there is no central lighting in a room or the piano is distant from the central lighting, candle lights or candelabra with mock candle lights should be placed at the right and left of the performer.

The pictures accompanying this article show three arrangements of piano that have carefully planned and successful lighting. In each arrangement the performer can read the most difficult music without straining the eyes and yet the piano illumination is fully tempered assuring any fair performer that her face will not be caught in a destructive effulgence, or yet left to the spectator in a sort of half edge.

The picture at the top of this page shows an effective arrangement of furniture in the corner of a living room. Here a grand piano is ingeniously placed between built-in bookshelves and a mirrored door. Nearby are a small table for a few books and smoking things and a comfortable bergère, giving a look of livable ease to the group.

On the piano itself is a piece of old Chinese brocade in soft, faded colors, trimmed with dull gold braid, a vase of flowers and a photograph. The illumination for this piano is supplied by a floor lamp placed to the left of the player.






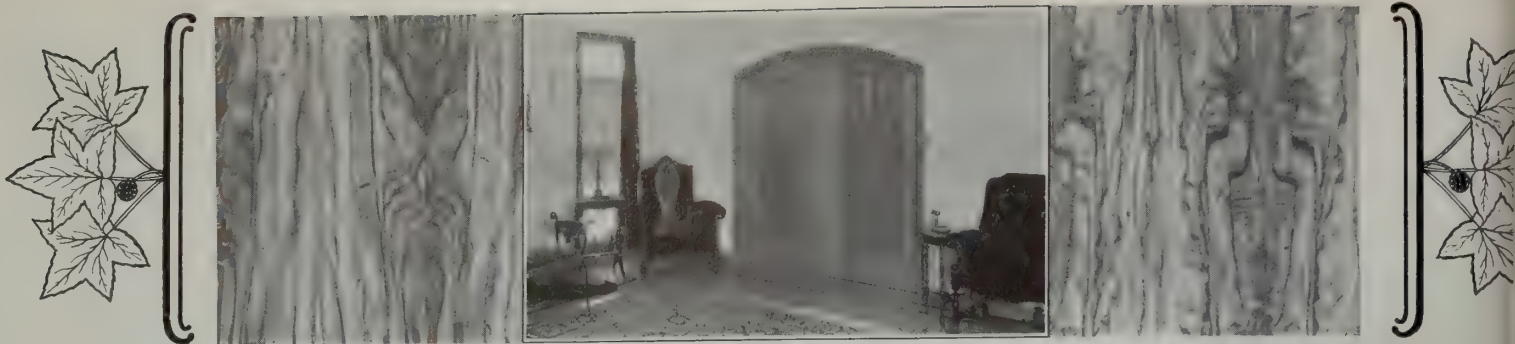
New Lustre-Curtains... a study in colorful simplicity

EARLY are home decorators offered a fabric as beautiful as Scranton Lustre-Casement cloth. Made up in tie-back curtains with tie-backs (as illustrated here), it is probably the most effective new curtain material in the market today. It is a fabric pleasant to the eye as well as beautiful to the touch. It fits in with every mood of the day from morning sunshine to evening glow. It is interesting, smart, and expensive, in its weave, sheen and colors.

Blue, rose, gold, sand, maize and dewberry are the colors, and all are fast to sun and tub. For those who want straight-hanging curtains or wish to make up their own, Scranton Lustre-Casement also comes finished with fringe or unfinished by the yard. See it and other Scranton laces, nets and novelties at almost any good store. Prices will prove an agreeable surprise to those who think that curtains must be expensive to be fashionable and good.

Fill out and mail coupon today for two very interesting booklets. And write our Service Department if you have an unusual curtain problem.

		<p>THE SCRANTON LACE COMPANY Dept. 8-DA, Scranton, Penna.</p> <p>Please send me without cost the booklets, "New Outlooks for Every Home" and "Scranton Bedspreads."</p>
Name		Address
City		



Reveals the beauty of Gumwood

Nature propounds a riddle.

You will find, on examining the paneled Gumwood walls of some houses, a delicate ribbon effect in the grain of the wood, soft and unobtrusive. In startling contrast, where striking decorative effects are desired, you will find fantastic foliated patterns that scarcely seem possible in Nature. Both are Gumwood. How is this extreme variance possible in one wood?

The answer interprets but does not explain Nature's riddle, for it is one of her hidden secrets why some Gumwood trees display exquisitely figured wood, while others do not. All one can say is that in some mys-

terious way the nature of the soil and condition of growth affect the structure of each individual tree, and only after the log is sawn into boards, does the wood reveal itself as figured or plain. To discover a rarely figured Gumwood tree has been compared, therefore, to the surprise of finding a jewel, whose beauty is only brought out by cutting and polishing.

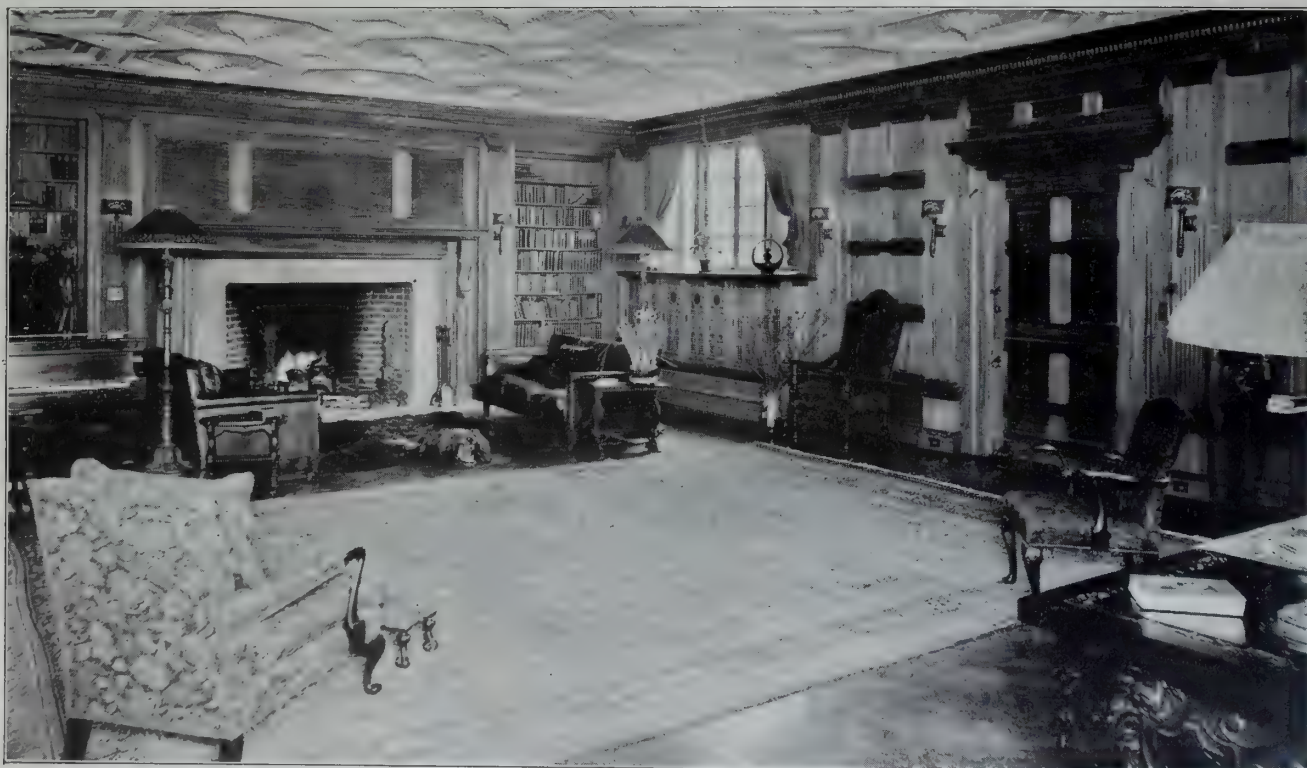
Nature Paints a Masterpiece

Fortunate is the home that possesses paneling and other interior woodwork fabricated from this interesting native hardwood. There is an elusive warmth of tone in the natural

reddish-brown coloration of the wood, which seems to suffuse itself through any finish applied to it. The effect is a satin-like sheen which when emphasized by the characteristic formations which Nature displays in the grain, endears Gumwood to every lover of beautiful woodwork.

Write for This Booklet

The coupon below will bring you our new booklet containing full page color plates of plain and figured Gumwood paneling, which will suggest many decorative possibilities. Also a discussion of the accepted use of Gumwood in the making of good furniture.



The figure in Gumwood is unique in that it is continuous throughout the log, and Gumwood may fortunately still be obtained in very wide boards. The result of these two unusual features is that it is possible to carry out a harmonious treatment for rooms of large area in which an exclusive decorative pattern will exactly duplicate itself around the entire wall.



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"Beautiful American Gumwood"

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New — the Richardson *opal* roof

In coloring especially effective on a house of creamy stucco



Opal—a roof with the coloring of brown October leaves silhouetted against a deep blue sky.

Here is a note that's new in roofing beauty. To almost any home it would add attractiveness.

And if that house of yours is a trim-lined stucco of creamy tan, it is *the* roof.

It's a roof that sets comfortably on such a house. Light enough in tone so as not to make it look top-heavy; yet so distinct in coloring that it isn't lost against a background of sky and trees. It is cool and restful in color; yet neither cold nor monotonous. Interesting in its endless variety of softly blending patterns, it is never obtrusive.

This unusual Richardson Multicrome Roof is formed of shingles on each of which are blended slate flakes of jade green and Richardson's rare weathered brown. The opal effect is secured by applying them just as they come from the bundle. No sorting or special work in laying is necessary.

Other rich blends of color

This, however, is but one example of the beauty secured in Richardson Multicrome Roofs. There are other new colorings, likewise suited to different types of homes.

The *tapestry tan* roof, for example; predominately weathered brown in tone, and patterned like a rare tapestry in soft tiled and jade green mixtures. It is unusually rich looking on a brick house of almost any color.

And for a white Colonial home nothing could be more attractive than

the *onyx* roof, where opal and bronze mosaic shingles (similarly formed with weathered brown and tile red slate flakes) add interesting touches of color to a jade green background.

Before you build, before you re-roof, by all means see these new roof colorings. One of them can give your home just the distinction and charm you have always wanted.

To help you choose

With these new colors you can make the roof one of the most effective units of your decorative scheme. It is all-important, of course, that the coloring of the roof be in harmony with the rest of the house. Only then can it contribute its full share of beauty to your home.

To help you choose the roof which will make the most of this opportunity we have prepared an authoritative booklet fully illustrated in color. It shows page after page of beautiful homes in different architectural styles. And with the Richardson Harmonizer which it contains you can see the complete effect of 54 different combinations of body, trim and roof colors.

The booklet also gives valuable information on

the principles of any harmonious color scheme. It is called *What Color for the Roof?* The price is 25c. If you are planning on building or re-roofing, this booklet will be worth many times its cost. Write for your copy today. Or perhaps you will be interested in our booklet, *A Richardson Product for Every Roofing Need*; sent free.

See the new colors at your dealer's

Meanwhile, go to your nearest dealer in lumber, hardware or building materials. Ask him to show you these and other beautiful Richardson color effects, in solid as well as blended tones. Ask him, too, why the points mentioned in the panel at the left make their beauty lasting.

DEALERS: There is a Richardson product for every roofing need. Perhaps you can secure the Richardson franchise for your territory. Write us.

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REGISTERED U.S. PATENT OFFICE

Made exclusively by the Bigelow-Hartford Carpet Company at their mills in Thompsonville, Conn.

The masterpiece of a century's enterprise

CHARMING Dolly Madison," perhaps the most famous First Lady of the Land, had left the White House only nine years and was still the model hostess of her time, when this Company had its early beginning.

As tasteful Mistress Dolly ever since has been a paragon of feminine charm and housewifely graciousness, so for these one hundred years the floor coverings produced by this Company have held a position second to none for decorative beauty, quality and durability.

The wealth of experience, the facilities and skill developed in the passing of a full century, all are epitomized in this modern rug—"Hartford-Saxony"—preeminent among the many fabrics we weave.

"Hartford-Saxony" rugs have a distinguished appearance little hinted at by their moderate price, a warmth of tone, a richness of coloring and a depth of soft, luxurious pile universally imitated but never equalled. And no rug made in America can outlive them in hard, trying service.

You can obtain "Hartford-Saxony" rugs in twenty-eight stock sizes, from 22½ in. by 36 in. to 11 ft. 3 in. by 24 ft., and special sizes can be made to order.

Most reputable dealers carry "Hartford-Saxony" rugs. If you have any difficulty in procuring them, our New York office will see that you are supplied, and at any of our salesrooms you can see the full line displayed.

Write for free illustrated booklet on "Hartford-Saxony" rugs

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The "Hartford-Saxony" rug illustrated below is

Pattern 1685

Color 4





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trademark on the
back of the goods.



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*Styles for every
room in the house*

Plain and Pastel Flat Finish

that can be hung as they come, or
stenciled, frescoed, or Tiffany blended.

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conventional and foliage patterns, neutral
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in plain colors, tile effects and decorative
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It's as much a part of the walls as the plaster is

SANITAS on your walls becomes ac-
tually a part of the house. It not
only adorns the walls; it protects the
plaster, prevents some cracks and re-
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When you figure the cost of wall cover-
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you will find that Sanitas is mighty inex-
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ment. It is the wall decoration that
doesn't "stay put" that costs money.
Sanitas earns its price in the service it
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Sanitas is a *modern* wall covering—
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ideals of cleanliness and unlabored per-
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Sanitas is made on cloth, but the weave
of the cloth doesn't show on the surface.
The sturdy, woven back keeps it from
cracking, tearing, peeling, or blistering,
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surface is ready-finished with durable
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tas on any flat surface; new walls as soon
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Ask your decorator to show you the new Sanitas patterns

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When you visit Atlantic City, see the Sanitas Exhibit at 1410 Boardwalk, Central Pier.

SUBSTANCE · FORM · AND · COLO



Concrete, made with Atlas, shows its adaptability to form, its economy, its beauty, in the Fountain of Time, Chicago



MR. LORADO TAFT, sculptor of the fountain which stands in Washington Park, said: "There is not a stone that America produces—not a material—that I would prefer to the color and effect we have on the monument." And John J. Earley, who executed the fountain in concrete made with Atlas, amplified Mr. Taft's viewpoint when he said: "This work will appeal to architects on the same basis that it appealed to Mr. Taft. Their problem is from an economic as well as an artistic point of view, exactly the same as his."

The substance, the permanence and strength of concrete has been demonstrated in great bridges, dams, canals, highways, factories and skyscrapers.

Its compliance to any demands of form and shape is proved by such work as this Fountain of Time.

And through Atlas Portland Cement with colored aggregate are now opened all the possibilities of color which add the final requirement of a complete architectural material, and so economical that its use is practical for every type of building.

The quality that made Atlas the preferred Portland Cement for this achievement makes it equally desirable for all types of Concrete Construction, and serves to keep Atlas known as "the Standard by which all other makes are measured."

Between the Atlas plants and the user there is but one distributor—the buying material dealer—who brings Atlas to the public cheaper than by any other method. Any architect, contractor or prospective builder is invited to write this Company regarding the possibilities of concrete, made with Atlas.



Atlas
Portland Cement

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Armstrong's Corkboard Insulation is easily nailed to frame construction or set in Portland cement mortar against brick or tile. Holds plaster permanently. No lath required.



—and Armstrong's Corkboard to Keep Your House Warm in Winter and Cool in Summer"



ARMSTRONG'S CORKBOARD built into the walls and roof will make your house easier to heat with a smaller plant and a fourth to a third less fuel. It will make your home more uniform in temperature, upstairs and down, freer from drafts and very much cooler in summer than an uninsulated house.

Every house needs insulation. Brick, tile, stone, wood and plaster are not heat insulators. Too much of your furnace heat goes right through them instead of staying inside to warm your rooms. And in summer, the sun's heat gets in as easily as furnace heat gets out.

Armstrong's Corkboard insulates your walls and roof in much the same way that rubber and porcelain insulate your electric wiring. It holds back heat 16 times better than brick; in other words, an inch and a half of Armstrong's Corkboard has the heat-retarding value of a brick wall 24 inches thick. Think what that means in increased comfort and smaller fuel bills. Armstrong's Corkboard Insulation makes your walls and roof practically "heat tight."

Armstrong's Corkboard goes right up against frame or masonry construction and requires no lath or furring strips. It takes and holds plaster permanently. It is fire-retarding, moisture-proof and vermin-proof, and has been used and proved for years in the industries.

It is so easy to make your home cool in summer and warm and easy to heat in winter that you should investigate Armstrong's Corkboard. Full information will be furnished to prospective house builders without charge or obligation.

ARMSTRONG CORK & INSULATION COMPANY
193 Twenty-fourth Street, Pittsburgh, Pa.
Division of Armstrong Cork Company

Armstrong's Nonpareil Corkboard Insulation

- 1. Excellent Non-Conductor of Heat** — Armstrong's Corkboard contains millions of microscopic cells, each one sealed by nature and containing entrapped air — the best heat insulator known except vacuum.
- 2. Non-Absorbent and Sanitary** — Armstrong's Corkboard will not absorb moisture and needs no furring strips. It does not mold, rot or provide harboring places for rats, mice or vermin. It lasts as long as the house.
- 3. Structurally Strong and Easy to Install** — Armstrong's Corkboard is strong in structure and is easily nailed in place in frame buildings or readily set in Portland cement mortar against brick or tile.
- 4. An Excellent Base for Plaster** — Armstrong's Corkboard takes and holds plaster permanently. No lath is required since the plaster keys firmly into the surface of the corkboard.
- 5. Slow-Burning and a Fire-Retardant** — Armstrong's Corkboard is slow-burning and a positive fire-retardant. It will not burn unless flame is applied from an external source, and does not smolder or carry fire.
- 6. Reasonable in Cost** — Armstrong's Corkboard costs no more than good lumber. Furthermore, its use makes possible a considerable reduction in the size of the heating plant and effects savings of 25% to 30% in fuel.



This table cloth and matching set of napkins has an unusual and charming orchid design. Table cloth may be had in all sizes. 2 yds. square (pictured) \$17.75. Napkins 17" x 17" \$11.50 per dozen. Also larger sizes.

The Newest Designs in Exquisite Table Linen

NEW Importations! A selection as varied as it is charming and different.

Here are all the conventional designs worked out with a fidelity to detail that is most unusual. And new designs—a selection of floral motives and artfully conceived patterns that will delight your eye. There is a delicacy and rare beauty to this selection of fine McGibbon linens that surpasses our most beautiful previous Spring displays.

Be sure to visit McGibbon. You will be agreeably surprised at the decidedly moderate prices prevailing on all linens. Towels, sheets, pillow cases, fancy pieces and all household linens of highest quality are priced here to attract the most economical woman.

All mail orders will be given prompt attention. Send for our catalogue No. 64—featuring our latest offerings in quality linens.

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3 West 37th Street—New York

NEAR FIFTH AVENUE

HOUSEHOLD
LINEN

INTERIOR
DECORATIONS

LACE
CURTAINS



The downy shoots and gray velvet leaves of *Androsace lanuginosa* must rest upon a good bed of stone chips. From the garden of C. W. Lown, Poughkeepsie, N. Y.

APRIL WORK IN THE ROCK GARDEN

(Continued from page 77)

seeds—these are the worst, but no weed of any sort should receive the least clemency. Where they are all concerned vigilance must become your middle name and ruthlessness your shield.

For use in the elimination of weeds from the rock garden the perfect instrument is an iron kitchen fork—or rather two kitchen forks, one long and one short. With the long one you may thrust down under the stones and gouge out long-rooted trouble-makers. With it also you may go to the relief of some plant caught in the merciless grip of white Clover, driving it under the sturdy crown and drawing it forth with all its white tentacles writhing and no harm done to the suffering host. With the little one you may outwit such small miscreants as chickweed, working over the fragrant mats of white Thyme or creeping Veronica until every vestige is finally extracted and the plant quite free of its wily enemy.

It should be said here that the tools used in the rock garden are not by any means as other tools. Secure a broad, flat basket and place in it the following articles:

- 1 long iron kitchen fork for weeding
- 1 short iron kitchen fork for weeding
- 1 slim-jim trowel for planting small bulbs
- 1 very small mason's trowel for transplanting seedlings
- 1 larger mason's trowel for moving larger plants
- 1 pr. long, strong shears for clipping plants
- 1 pr. scissors for snipping seeds and faded blossoms
- 1 whisk broom for clearing out litter from among plants
- 1 package hairpins for pegging down or layering
- 1 package small envelopes for gathering seeds

Wooden labels, indelible pencils, a few strawberry baskets with which to shelter newly-set plants. (Do not use inverted pots for this purpose.)

The great majority of rock plants are easy enough to please. They take with amazing coolness the change from quite other conditions to garden life if something be known of their homelife and an effort made to reproduce it. As soon as plants are ordered research should be made to

find out what their greatest needs are likely to be—what soil they require, whether moist or dry, whether shade or sun or a little of both, whether hardy or tender, and the time of the plant when full grown—you will then stand a good chance of making a rare new-comer a permanent ornament in your garden.

A well-filled larder is a great help. In an obscure place, and under cover if possible, should be boxes or barrels of the following comestibles: coarse sand, fine white sand, leaf-mold, peat loam, peat, crushed limestone or mortar, stone chips such as are used to top-dress roads, and a little old manure. All of these will be required from time to time so it is well to have them handy that no suffering plant be kept waiting for relief.

THE HARDINESS OF ROCK PLANTS

Rock plants are subject to fewer ailments so far as my experience goes and few pests attack them if a plant seems not to be thriving under other conditions and it may revive, but make some effort to find out how its present surroundings differ from those to which it is accustomed.

When first you view your rock garden quite clear of any covering, it is likely you will see only loveliness and enchantment. For April is a fine month among the hills and dales and before you gleam breadths of early wild Crocuses—so much more engaging than the fat Dutchies that come later—battalions of tiny Daffodils, wide gold Adonis flowers, pools of sharp Scilla-blue, Violets and Primroses peeping everywhere. All the early spring flowers are so crisp and clean and lively that it seems impossible to believe that among them aught can be amiss. As we stand before the lovely scene, our winter-bound senses thaw slowly, we presently see that beneath the carnival there is trouble that requires immediate attention.

In all likelihood ragged gaps have been worn down the little spaces, soil displaced behind badly placed stones, earth washed from cracks where they have not been securely packed. All this must be repaired and reinforced against the fury of the spring freshets. It should be seen that every stone is firmly set and wedged

(Continued on page 132)

[BRILLIANT DIFFUSIVE BEAUTIFUL]



Lower sash of bedroom window glazed with plain Tapestry Glass, mitred to design with $\frac{3}{8}$ in. satin finish mitre

Used where the maximum of light is necessary and privacy is desirable

TAPESTRY GLASS

TAPESTRY GLASS is an entirely new
 dut. It has all the purity,
 erty and strength of the finest
 e glass. It admits the maxi-
 m of light in a brilliant flood.
 l by a special, exclusive proc-
 th surfaces of Tapestry Glass
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 fects collect light and diffuse
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 e the glaring and unpleasant
 ections of ordinary glass.

Tapestry Glass has a delightful

texture, not unlike fine fabric. It
 may be permanently and inex-
 pensively decorated by individual
 patterns designed in accordance
 with the interior or architectural
 plan. These patterns may be
 ground, chipped or mitred upon
 the glass before installation. For
 front doors, French doors, side or
 fan lights and bedroom windows,
 mitred designs are particularly
 suitable, agreeing with almost any
 scheme of decoration. Where

PITTSBURGH PLATE GLASS CO.
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conditions make opacity desirable,
 the designs may appear in clear
 glass, the backgrounds being
 chipped or sand-blasted.

In addition to its use in resi-
 dences, Tapestry Glass is suitable
 for churches, schools, hospitals,
 banks, fraternal organizations and
 office buildings. It adds beauty
 and dignity wherever used and
 its practical value is self-evident.
 Ask your architect or your glass
 dealer for catalog and samples. Or
 write to the nearest office of the
 Pittsburgh Plate Glass Company.

VARNISH

PAINT



BEAUTIFUL BED ROOMS

BEAUTIFUL bed rooms need beautiful spreads. Often, indeed, it is the spread that gives the final touch; it is the spread that makes the entire scheme just perfect.

Dolly Madison Bed Spreads glorify any setting whether it be elaborately ornate or of extreme simplicity.

Their great variety of design and texture, their superb colorings and striking color combinations create the perfect spread for the perfect boudoir.

Typical of Dolly Madison originality and style leadership are the new combination crinkle and brocade spreads. This type of spread is shown in the above illustration—also, in detail, at the left, below.

All Dolly Madison Bed Spreads are sun- and tub-fast and of unusual durability. The spreads and decorative fabrics to match are as practical as they are attractive.

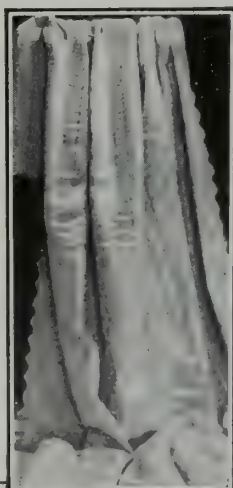
For distinctive spreads, draperies, shades, scarfs — remember this one name—Dolly Madison.

Always look for the Dolly Madison
Label. No spread is genuine
without it.

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Dept. H-4, Philadelphia

Write for free
illustrated booklet Send 25c for
Dolly's Bed Spread

The new Dolly Madison crinkle and brocade spread is shown below. The happy combination of these two fabrics, each exquisite in itself, is really quite beyond description.



DOLLY MADISON
Bed Spreads

APRIL WORK IN THE ROCK GARDEN

(Continued from page 130)

with earth and smaller stones, and the crevices so tightly rammed that they will not again give up the soil and so expose the roots of the plants entrusted to them.

Further scrutiny will reveal plants whose roots have washed clean of soil, and others that have arisen on their tap roots and are lying about in a most unseemly manner wholly regardless of their deportment. Others will appear depleted and unenthusiastic. For these we maintain the pick-me-up basket, a close-meshed basket filled with a reviving mixture compounded of loam, white sand, leaf-mold, a few stone chips and a dash of old mortar. This we work in among the growths of such as the mossy Saxifrages, Campanulas and others. With it we also cover the exposed roots and tuck in about any plant that appears to need it. Indeed a top dressing of this panacea over the entire rock garden in early spring is a consideration that will be amply repaid in blossoms and lovely greenery.

At this season the grey-leaved plants should be attended with special care. If the winter has alternated cold and warm, and damp has been much in evidence, they are probably in bad shape. They dislike of all things coming into contact with wet earth, and they are against moisture at any season, the humidity of summer as well as the thaws of winter. They should be given the highest and driest of situations and a full measure of sunshine. About them the earth should be thickly strewn with stone chips. This keeps them dry and gives them heart to display their silvered beauty.

FURTHER SPRING TREATMENT

Ragged leaves should be removed from those plants which have "felt" the winter, and others that are leggy and out of trim treated to a severe clipping with the long shears. It will be found also that some plants have not hibernated in any proper sense. They have gone on growing and spreading out beneath the snug blanket until they are endangering the lives of smaller sleepers. These must be clipped back or bodily removed.

A chief cause for activity in the early spring is discovered in the bare spaces left by plants that have not come through the winter. Sometimes these are many, sometimes few, but the cause, as I have before said, is more often damp than cold. These ragged places in the garment of the rock garden may be variously patched. One may instal new plants, or divide some flourishing old ones to use in filling the gaps; or one may sow in seed of some small and attractive annual or biennial which will quickly cover the worn spot with bloom and verdure. Some useful kinds for this purpose are *Androsace coronopifolia*, *Linaria alpina* (biennials), *Gypsophila muralis*, *Asperula azurea setosa*.

Plants may be lifted and divided for patching at almost any season. The time when they are in full bloom is probably the least propitious, but with care even this may be accom-

plished without loss. Irise Saxifrages, alpine Pinks, Aubrietias prefer division when they have flowered. Some at indeed, contend that this is time to lift for transplanting all plants because at they are at the height of the and push. Late April and August and September have very satisfactory to me for a large number of kinds. growing in tufts, rosettes and easily lifted and pulled apart with long tap roots are best peace if they are thriving.

CARE IN PLANTING

Planting at all times in be matter for care and cons. Many appear to think that thing so inconsiderable as a alpi no more is necessary than t slit in the earth and thrust t in. This is the worst possible and few plants will survive. ways a commodious hole mu with room at the bottom for ile roots to be spread out in After the first handful of so in, water is added, then m until the excavation is full id t soil closely drawn about the the plant, when a top-dressing chips may be laid on as a fin the plant comes in a pot— now possible from numerou to get them thus, the ball and roots must be shaken in pot, the lower roots freed of of drainage and spread out, placed carefully in the excav the earth drawn firmly about Loose and careless planting is sible for the loss of many a rock plant. They must fe before they have the courage growth in a new home.

A convenience is a label p side each newly-set plant with its name, date of plant whence it came. When the of one's family mounts into dreds, the tip of the tongue, decidedly overcrowded and barrassing not to be able to the data sure to be called or visitors.

This April care of the rock seems to me the pleasantest the whole year. Not only plants so charmingly responsive every kindness, but at every the head some new delight is One may go round and round paths, and over and over the and find each time something missed before—some exquisite fern just unfolding, some bloom from a little bulb no before, a nosegay of blue (could such a thing be?), the some plant we had feared w winter. It is a pleasure to bent back at this season—a the rock garden—for while feeding, patching and crevices, we are enjoying at revelations of freshness and gaiety and fragrance.

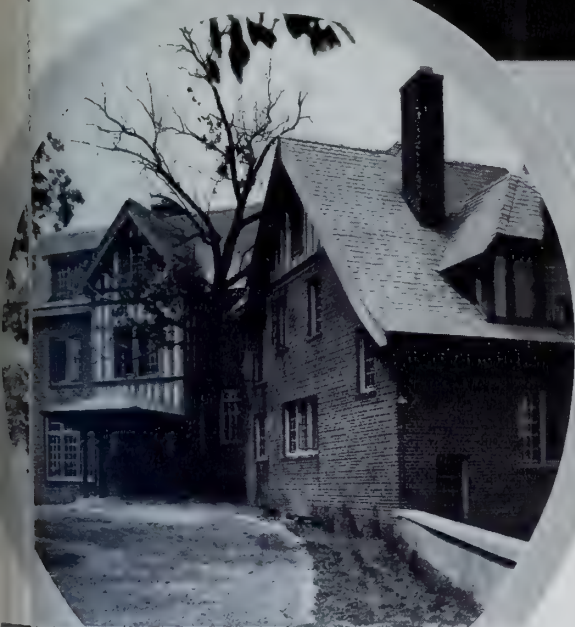


Residence of D. F. Zimmerman,
Boon Hills, Ann Arbor, Mich.
Louis Boynton, Architect

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Ahrenfeldt China

"The Aristocrat of French China"



In the home of Mrs. Henry P. Curtiss at Ashfield, Mass., a cream colored candlewick bedspread makes an effective covering for an old spool bed

BEDSPREADS of COLORFUL VARIETY

(Continued from page 87)

rich stuffs, this article of furniture should be sufficiently interesting to inspire the decoration of the entire room. Next, there should be no economy in the matter of mattress and springs, and, finally, the spread should equal in importance and beauty the rest of the furnishings.

Fortunately for our aesthetic sense, the plain white bedspread of piqué or elaborate lace is a thing of the past. In its stead have come graceful spreads of taffeta, poplin, moiré, sateen, brocade, chintz, linen, organdie or net, in plain effects and in colorful combinations to accord with the scheme of the room. Compare a taffeta spread in some soft shade trimmed with contrasting pipings or pleated ruffles, or a crisp affair of yellow organdie edged with flutings, with the heavy white spreads of a decade ago and be thankful for this bit of progress. Certain white spreads—the unbleached muslin variety with their quaint candlewick designs, or spreads of ruffled dotted Swiss—are permissible on a Colonial type of bed, but even here a bit of color would add interest to the room without detracting from its old-world atmosphere.

A four-poster bed offers the greatest problem in the matter of drapery. There are numerous ways of dressing a bed of this type, one of the most successful of which is shown on page 86. This is an old spool bed that has been exceptionally well treated. Here

the spread, pillow sham, side valance and tester are of an interesting printed material, colorful and quaint in design to accord with the bed. The hanging behind the headboard is of sateen in a color to harmonize with the dominant shades in the draperies. If preferred, a bed of this character might have draperies of a fashioned white dotted muslin trimmed with cotton ball fringe or a rick-rack braid. Very effective was a top bed hung in this manner with a colorful scenic wall paper. If a combination of materials is desired, the spread may be of chintz or toile de Jouy and the valance and muslin or sateen in plain color.

For simple Colonial maple or hogan beds, dotted Swiss or makes delightful, cool looking spread. These should be lined with white muslin and made with pleated or ruffles picoté at the edges. Dotted Swiss may be trimmed with a ribbon or rick-rack braid. Organdie is charming on the bed in connection with curtains of white. Lily glazed chintz in green and white. And with slip cover of blue and white Morning Glory dotted Swiss in white with dots might be used for curtains and a spread.

On painted beds it is advisable to use a plain spread of taffeta or a scalloped and bound in a contrasting color.

(Continued on page 135)



A reproduction of an early Colonial bedspread, suitable for a Colonial type of bed. From the collection of the Colonial Williamsburg Foundation.

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Pullman Living Room Furniture

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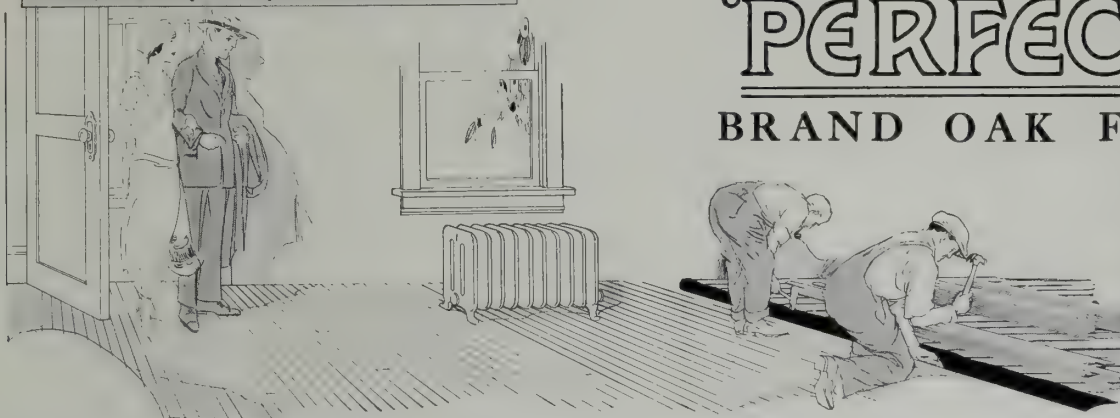
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costs very little for the average house, and it saves that cost over and over again by saving heat. Without insulation the heat escapes. You can see it melting snow on your roof in freezing weather. Quilt stops this. It holds the heat in and keeps it working, just like a fireless cooker.

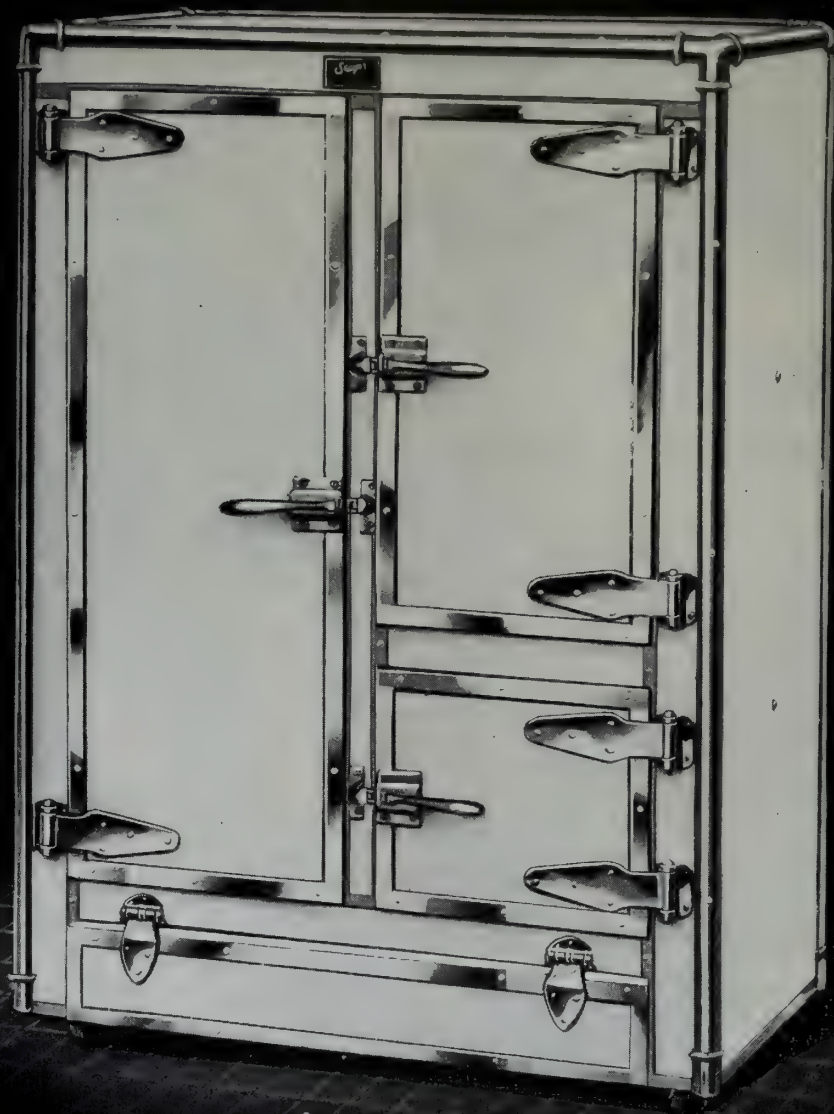
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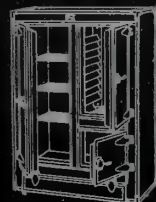
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Sessions Clocks *tell dependable time*

WHATEVER else a clock may be, it is not worth much in American homes unless it is dependable. We Americans have so many trains to catch, so many business and social engagements, that the only clocks that we want around are dependable clocks.

Wide choice of artistic designs

BEING certain of dependability in our clock, the next thing we look for is beauty, a handsome and artistic design. Sessions Clocks offer you a wide variety of models, including tambours, banjos, colonial, and desk

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IN ADDITION to dependability and in addition to beauty, Sessions Clocks offer you reasonable prices. Economies in cost, made possible by large production, coupled with high

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Mellow chimes; prolonged tones

AN EXCLUSIVE feature is the new Sessions chiming mechanism (patent applied for), which includes a chime stand of unique construction, producing, from the supported chime

rods of special analysis, mellow floating tones, indescribably sweet, that hang upon the air for a prolonged period of time; a delight to the ear.

Send for a copy of our newest book

You will find Sessions Clocks at stores noted for their good values.

Meanwhile send for a free copy of our book, "Friendly Clocks."

THE specifications for this clock, Duet No. 2 are the same as for the clock shown above, except that the design of the case is different. Some like one better; some like the other. The price is \$19.00.



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Please send me "Friendly Clocks" booklet with interesting story of clock making and pictures and prices of thirty-two clocks and candlesticks, suitable for various rooms in my home.

Name

Street

City

State



Bedspreads of the type above with contrasting plain and crinkled stripes come in blue, mauve, gold and rose as well as plain cream color. From McGibbon

BEDSPREADS of COLORFUL VARIETY

(Continued from page 134)

color, or trimmed with pleated ruffles or cordings in a different shade.

A very smart taffeta spread is shown at the bottom of page 86. This is blue sunfast taffeta quilted in silver and trimmed with shell pink pleatings picoté in silver. The sham is of plain taffeta, also trimmed with pleatings. About six and one half yards of fifty inch material are required for a spread of this character on a single bed, two and one half yards of one width for the top portion and the rest for an eighteen inch valance. For the two inch pleatings allow two and one half yards. For a double bed two widths are needed for the top portion in place of one. The separate sham requires one and one half yards.

For a French bed a delicate brocade may be used for the spread and canopy. A bed of this character is also shown on page 86. Here the spread is old brocade in soft yellows made very simply on account of the interest of the material. There is no trimming, the side portion simply seamed to the top. For a simple spread of this type with an eighteen inch valance, one width of fifty inch material is needed for the top portion. Measure the length of the bed and allow at least nine inches for the section that tucks in at the bottom and three-quarters of a yard for the portion that folds over the pillow if the spread is in one piece. If the sham is separate, one and one-half yards more are needed. For a valance, measure the bed all around and cut the material in eighteen inch strips and allow half again as much if the flounce is to be shirred. For a single bed with a foot board, about six yards are required for the spread and eighteen inch valance, with a yard and a

half more for the sham. A double bed requires one width more of material for the top portion.

If you are so unfortunate as to possess an ugly wooden or iron bed, or worse still, a brass one, covered with head and foot boards with well-fitting glazed chintz covers and use a plain or striped linen for bedspreads, an excellent solution for an ugly bed is shown on page 86. Here the head board is covered in glazed chintz and the spread is made of striped linen trimmed with ribbon.

Another interesting treatment for a bed, featuring glazed chintz is shown in the picture at the bottom of page 87. Here the head board and valance are of pink and white large glazed chintz bound and edged in pink taffeta. The spread is of brown taffeta with a binding of pink taffeta.

For the woman who has no time to struggle with the problem of having a bedspread made, there are excellent ready-made spreads available at moderate prices. One type is shown at the top of this page. This has alternating plain and crinkled stripes, comes in such useful colors as cream, blue, rose, mauve and gold, cotton and a combination of cotton and silk. It is a wise choice for both city and country houses as it is so easy to wash.

Next in interest come the candlewick spreads suitable for Colonial beds. These can be had in all colors or with the candlewick design in a contrasting shade.

A revival of interest in weaving has resulted in some interesting reproductions of old woven coverlets. These come in medium and dark blue designs on an oyster white ground. They make excellent spreads for maple beds.



18th Century Venetian dressing table with its original fittings complete. Rose ground, yellow field with green medallions. Original state. Unrestored.

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Complete for \$227.⁵⁰

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Our Reputation for Reed Furniture of the Highest Quality is widely known. Personal Service in securing just the Design and Coloring that appeal to your individual taste.

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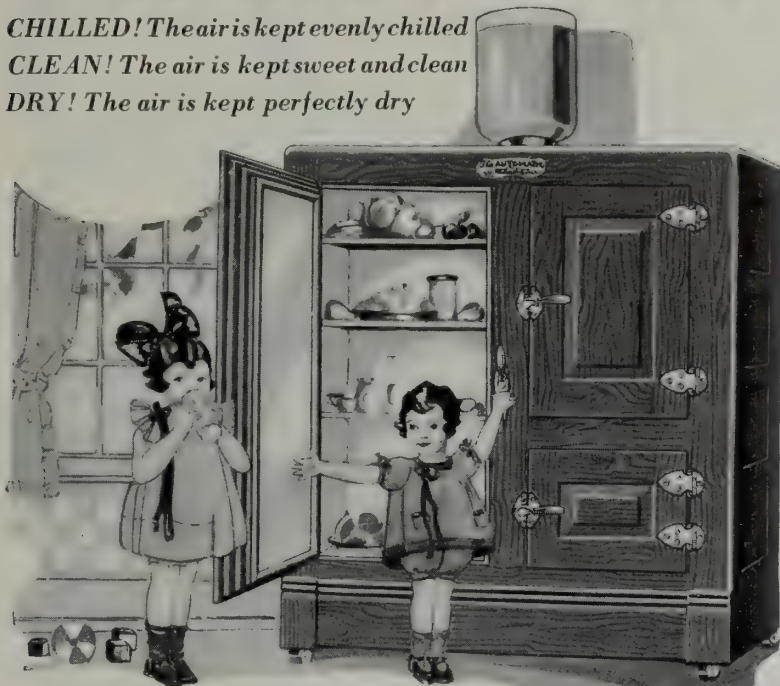
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Pure, Sweet Milk kept Fresh and Cool

BABY'S health and happiness depend on pure, wholesome milk kept fresh. Mother trusts her Automatic! Butter, eggs, all other foods, fresh and appetizing even on the hottest days. Cold, clean air constantly circulates, and is purified by contact with the ice. The built-in water tank, an exclusive feature, assures pure, chilled drinking water. A Double Duty Refrigerator—preserves food, chills water, yet saves ice! Over-size construction everywhere. Hand-finished in golden ash or pure white, lined in porcelain or enameled seamless steel, with rounded corners—no joints or crevices. Hand-fitted doors, tight-closing locks. Outside icing if desired. Write for the name of your dealer. He'll help you choose the right size.



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AUTOMATIC WATER COOLING SYSTEM

A Built-in System consisting of Bottle Holder, Porcelain Water Tank, Outside Faucet. Chilled Water without ice. Can be used with or without inverted bottle.



The Automatic Scientific Air Circulation Keeps Milk, Butter and Eggs Fresh!

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MORRISON

DOUBLE DUTY

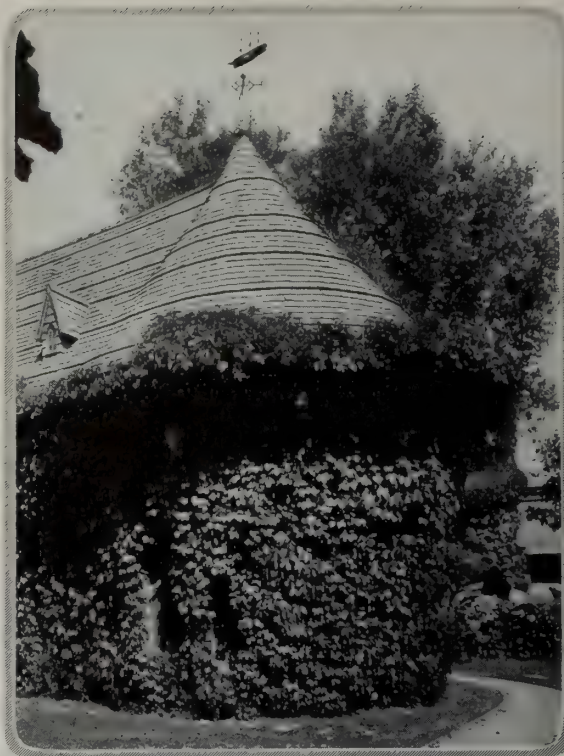
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Watch for your dealer's "Automatic Spring Demonstration" in April!
Dealers—If you want to increase your refrigerator business—write us!



In laying, shingles are sometimes doubled up at intervals. The double thickness at the butt, or lower edge of the shingle course, stripes the roof horizontally and adds interest to the slope

SOME NOTES ON WOOD SHINGLES

(Continued from page 80)

witches cottage in *Hansel and Gretel*.

As for coloring instead of nature's weathering, the stained shingle is much in use. If it is decided upon, the stain should be looked into regarding color permanence and its fire retarding and preservative qualities. A moderate degree of fading is of great value in toning down and softening over-strong colors. Strong sharp colors in shingle stain, however, should never be indulged in. In using stained shingles one decides whether to buy them mill dipped, or to do the coloring at the job. If the stain is also a wood preservative, it is desirable to have the entire shingle dipped, and not just the exposed lower portion.

There are many mill-colored shingles on the market dipped just from the kiln, when driest, and in condition to absorb the stain most fully. These ready-dipped shingles come in stock shades, and can also be furnished colored to specially prepared samples.

It is very important when shingle stains are being considered on the basis of the manufacturer's samples, that it be understood upon which of the shingle woods the samples have been prepared. The identical stain will vary considerably in color on White Cedar, Red Cedar, Cypress and Redwood.

The graduating of color from eaves to ridge is practicable, but if attempted should be handled skillfully. Deeper at the eaves and the lighter color is brought in finally at the ridge.

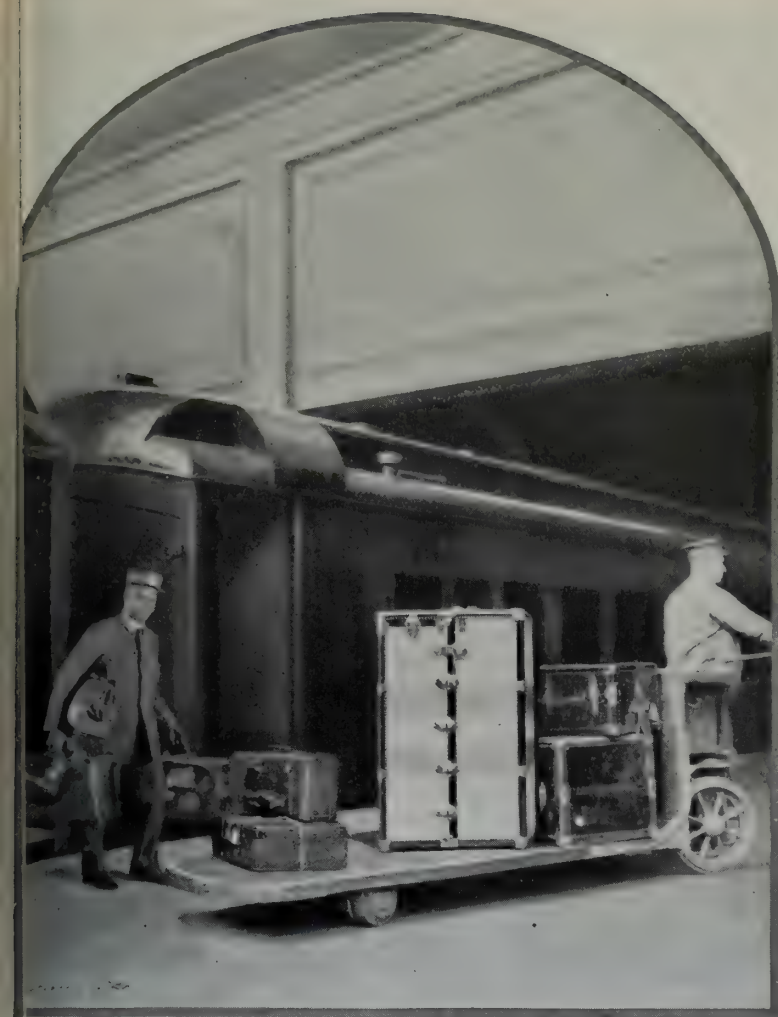
From the standpoint of appearance, the best results in shingle coloring are secured by dipping at the job, using five or six shades for an expansive roof slope and dividing the shingles

up in corresponding lots for dipping in the various stains.

Successfully intermingling these differently colored shingles requires patience and a good eye for color shading. If the shingles are laid so that the color changes in hard lines, the result is unpleasing. The shades have to mingle gradually—which means lighter and darker shingles have to be carried back and forth into each other's bailiwick. Above all things an approach toward regular spotting with contrasting color has to be avoided. The roof so treated appears to be suffering from an attack of hives.

Why should the wood shingle roof be chosen at all, in preference to slate or tile? More moderate cost, habit and the sightliness of the wood shingle further its constant and widespread use. If the house is of frame and clapboard, many of us feel that the wood roof is in better accord than the much weightier slate or tile. If the house walls are of stucco, brick or stone, the shingle roof is just as appropriate and quite in accordance with our use and wont.

The shingle roof is not as durable as slate or tile, and is moreover a burnable material. Edge grain Cedar, Cypress or Redwood however is not so easily ignited from the upper surface, as one might imagine. The edge grain material lies flat, and with the close narrow grain presented to the possible spark, ignition will take place comparatively slowly. Accepting this moderate fire danger of a roof of burnable material, shingles offer a large measure of durability. Properly laid, colored or uncolored, and weathered by time, they provide a tasteful and pleasing roof surface.



Yes, Oshkosh Trunks are expensive. They are so expensive—and so strong and so safe—that you cannot afford to pack good clothes in anything else.

An attractive booklet describing Oshkosh Trunks will be sent you on request to 451 High Street, Oshkosh, Wisconsin.

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It locks as well as it looks

CERTAINLY, good doors deserve locks that are their equals in beauty. But beauty in a lock is without honor, save when it encases a mechanism of staunch security.

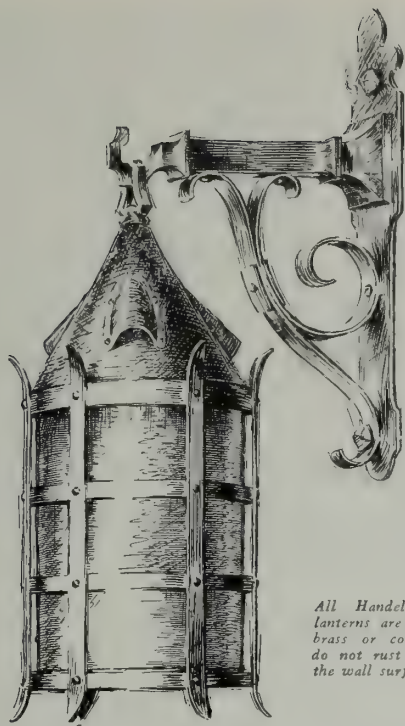
The elegant simplicity, the chaste accuracy, of the Navarre design unmistakably mark it a member of the Corbin family. But in bearing the Corbin name, it tells you that it locks as well as it looks.

Corbin locks have long since proved their excellence by a life-time of service. In great office and public buildings, homes, churches, schools, hotels, stores and factories you will find locks of Good Hardware—Corbin.

To be assured of permanent protection as well as perfect decoration, see that Corbin is on the face of every lock you buy. Good Hardware—Corbin—is a joy to live with.

The story of "Good Buildings Deserve Good Hardware" includes useful information on locks. Would you like us to send you a copy?

P. & F. CORBIN SINCE 1849 NEW BRITAIN CONNECTICUT
The American Hardware Corporation, Successor
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All Handel outside lanterns are made of brass or copper and do not rust or stain the wall surface.

Reviving the art of long ago

IN HOME decoration, moderns have found it difficult to improve upon the simple lines and craftsmanship of the masters of bygone days.

Handel has revived the best of the old-time lamp and lantern maker's art and modernized the designs and finish to comport with the lighting requirements of homes of today.

The Handel Wall-Lantern pictured is an adaptation of the old hand-wrought "night-watch" lanterns of a century ago. With Handel skill and expert workmanship these lanterns are products of beauty and durability.

The Handel dealer nearest you will supply Handel Lamps and Lanterns for outdoor and indoor use in a wide variety of styles and finishes. Ask him to let you inspect his portfolio of Handel designs.

THE HANDEL COMPANY, Meriden Conn.

HANDEL Lanterns



If you are building a home or contemplate building, and your dealer is unable to submit examples of Handel workmanship or drawings, it will be to your advantage to send your blue-prints to The Handel Company for suggestions and prices on fixtures.

COLOR SCHEMES FROM OUT-OF-DOORS

FOR A LILAC BED ROOM

(Continued from page 66)

soft gray-green with oval gilt mirror above it. One chair upholstered in the cretonne, another in a striped mercerized fabric in two shades of blue. Small slipper chest in yellow sateen. Louis XVI walnut chest of drawers.

Floors: Painted deep violet with gray-green rug.

Accessories: Mauve pottery lamps

with shades of pleated yellow booby linen. Silver candlestick lamps on dressing table with yellow chiffon shades trimmed with narrow mauve ribbon. Dull silver lighting fixtures. Tin urns on mantelpiece painted cream and green, filled with lilacs. Violet glass bottles on dressing table. Flower prints with narrow gray-green frames

FOR A TULIP ROOM

(Continued from page 66)

of pale yellow gauze.

Furniture: One overstuffed sofa in tête de nègre antique satin with needle-point cushions. Two Louis XVI armchairs with walnut frames and upholstery in violet damask or antique satin. One small overstuffed chair with a slip cover of chintz made with a box pleated ruffle bound in the same manner as the curtains. Small 18th Century settee with mahogany frame upholstered in antique gold stripe. Straight chairs and small tables in

walnut. Secretary desk in soft green lacquer with books in top. Desk chair in black and gold.

Rug: Wilton or chenille in eggplant color.

Accessories: Side lights of crystal with amethyst drops. Lamps, cream-colored pottery or alabaster urns with shades of pleated yellow glazed chintz bound in violet or yellow chiffon shades. Mirrors with dull gold frame. 18th Century colored prints framed in black glass mats with gold lines.

FOR AN EARLY AMERICAN DINING ROOM

(Continued from page 66)

back in green and purple. Console table or narrow side table.

Floor: Very dark brown with deep plum colored rug.

Accessories: Lighting fixtures of pewter or painted tin. On the side table a pair of glass Dolphin candlesticks with shades made of Italian paper in which there is a design of ships. Over the mantel a print in color

of a clipper ship or map framed in lacquer red. On the mantel a pair of Sheffield or pewter candlesticks and row of pink and white plates or a pair of purple glass flower bowls. Old samplers and silhouettes framed in black and gold. On the shelves of the dresser pewter and old china. Hanging shelves in maple holding old glass Staffordshire figurines and pewter.

FOR A NARCISSUS BED ROOM

(Continued from page 66)

Chaise longue in deep rose taffeta. Small book table next to the bed painted pale green with blue-green lines. Dressing table hung in white organdie made with scalloped flounces edged with narrow flutings of apple green or trimmed with French ribbon in this color. Duncan Phyfe mahogany table desk. Desk chair in blue-green and gold. One overstuffed chair upholstered in the chintz. Slipper chair in pale blue sateen. Floor is entirely carpeted with sand colored rug.

Accessories: Lamp on bedside table of Staffordshire pottery figurine. Wooden urn painted cream with red lines, with yellow chiffon shaded with pink and trimmed with rose red cordings. Slender glass candlestick lamps on dressing table with stretched shell pink taffeta shades trimmed with apple green ribbon. Green bottles on dressing table. Godey fashion prints framed in narrow wood frames painted apple green.

FOR A ROSE MORNING ROOM

(Continued from page 66)

color with green silk cushions. Arm chair in blue green damask. One in old gold silk and one in chintz. Small chair in copper damask or old needle-point. Mahogany table with lyre shaped pedestals. Mahogany secretary. Some straight chairs painted soft green. Pair of painted console tables in green. Mahogany or walnut chest of drawers.

Floor: Stained dark green with taupe colored rug.

Accessories: Flower painting over mantel. Hanging shelves in mahogany

filled with pink and white china. Staffordshire figurines. Lamp on table of blue and white Chinese porcelain with pinkish copper colored shades. Slender wooden column lamps on console tables painted green and gold with shades made of figured Italian paper in soft colors. Hooked rug in front of fireplace and before settee. Needlepoint footstool. Pair of Venetian glass jars on mantel filled with white flowers. Row of white porcelain figurines between, or with china trees.

FRENCH Hand Made Furniture

THE beautiful proportions, the rich, mellow tones, the faithful adherence to historic styles constitute an enduring charm which only master craftsmen can create.

Yet, due to unique production methods, the cost of this furniture is by no means high. If your dealer does not handle it, write us and we will see that you are served satisfactorily.



Branded underneath every piece, this mark is a guarantee of quality

WM. A. FRENCH & CO.

Interior Decorators
90 Eighth St. S.

Makers of Fine Furniture
MINNEAPOLIS, MINN.



The Cranford Table is constructed of the finest walnut with the top composed of four matched sections of beautifully grained walnut burl, and the entire front and apron veneered with this same finely figured wood. The graceful cabriole legs terminating in the vigorously carved ball and claw feet, together with the brass hardware and the general contour of this table, identify it with the later Queen Anne period.



American Walnut

Is a "luxury" wood, yet practical and not expensive

PERHAPS no other fine cabinet wood combines such luxurious qualities with such practical values as American Walnut.

Many of the pieces of furniture of historic beauty, made centuries ago by the greatest old world masters are of walnut.

Is this age-long durability of walnut that is perhaps one of its greatest virtues. Yet many see only its exquisite natural colors, its infinitely varied patterns and designs, its responsiveness to the artistic genius of the designer.

Many value it because it is easiest to keep looking well. For properly finished, walnut lasts for generations and with a minimum of attention.

American Walnut shows the scars of hard usage less than other woods because its color is natural, grown in the fibres, and is not due to surface staining.

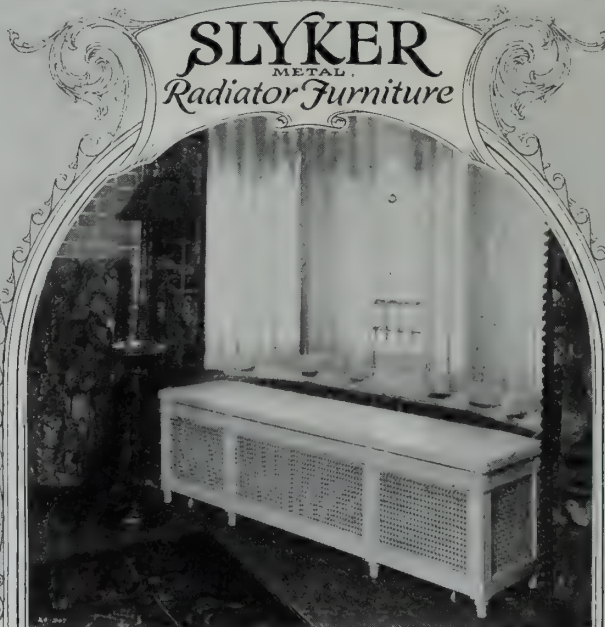
Walnut is not only the premier furniture wood today but it is in ever growing vogue for trim, floors, panelling, doors, etc. It is essentially a luxury wood because of its loveliness and high qualities, yet it is not expensive.

Our book, "The Story of American Walnut," has a vast amount of reliable information about this fine wood.

"THIS IS THE WALNUT AGE"

AMERICAN WALNUT MANUFACTURERS' ASSOCIATION
Room 908, 616 South Michigan Avenue, Chicago, Illinois

AMERICAN
WALNUT



EVERY home owner enthuses over the beauty of SLYKER Radiator Furniture. But attractiveness is only one admired feature. It also prevents the costly soiling of delicate draperies and walls, and keeps heated air moist, comfortable, healthful. A patented humidifier under top serves this double purpose. Your radiators are entirely concealed in artistic cabinets, without loss of heating

efficiency. Made entirely of Furniture Steel, finished in six coats of oil enamel, baked on. You have choice of three styles. Cane Grille is pictured. Finishes in shades of Mahogany, Walnut, Ivory or White—to harmonize with your room decorations. Converts radiators into useful seats or consoles.

Write us for name of nearest dealer where samples may be seen. We will send you descriptive book in colors upon request.

SCHLEICHER, Inc. (Dept. A-7) GARY, INDIANA



Children's Precious Health

*How to protect it from
a danger often unsuspected*

THE immaculately clean white bathroom does more to protect health than any other room in the house. Yet in the bathroom there is often an unseen and unsuspected danger to the health of the family and especially to the health of children. This danger is in the toilet seat.

Suppose the toilet seat is an old one, possibly oak or mahogany, with the finish worn off through years of service. Despite the care you take of it, the bare wood, being porous, quickly absorbs liquids and odors. The bathroom is usually warm. Moisture and warmth are ideal conditions for germs and bacteria. They thrive and multiply. Quite unsuspected by anyone, the toilet seat becomes a menace to health.

As children use the bathroom oftener than adults, and as their short stature compels them to breathe close to the toilet seat, it is especially dangerous for them.

*Now Science offers a new seat
—clean, white, sanitary*

IT IS a simple matter to remove this danger. With the help of every means that sanitary science could offer a seat has been designed which is sheathed in an immaculately white seamless covering that closely resembles ivory, and that cannot become contaminated. It is not porous and will not absorb moisture or odors. It won't crack or discolor or wear off. With soap and water you can wash it as easily as you wash a porcelain dish and keep it sweet and clean. It offers no opportunity whatever for germs to breed. It is safe, sanitary, a guardian of health. Its durability has been proved in thousands of homes, hospitals and famous hotels.

Fits any bowl—easy to put on

CHURCH Seats fit any toilet bowl. The only tool needed to take off the old seat and put on the new one is a pair of pliers. It takes only a few minutes. You don't even have to call in a plumber to do it unless you prefer. If you rent a home or apartment, you can take the seat with you when you move. You can buy a Church Seat at any plumber's.

Aside from its sanitary qualities, the Church Seat is a handsome fixture and will add to the beauty of any bathroom. Guests always appreciate clean toilet fixtures.

Send for this free sample

NO ONE can be sure what germs an old toilet seat may harbor. Don't take a chance. Get rid of the danger.

Without expense or obligation to you, let us send you a free sample of Sani-white Sheathing and a free circular of various models. Use coupon below. Write your name and address plainly. Mail today to C. F. Church Mfg. Co., Dept., A2, Holyoke, Mass.

C. F. CHURCH MFG. CO., Dept., A2, Holyoke, Mass.

Gentlemen: Please send a free sample of Sani-white Sheathing and free descriptive folder to:

Name.....

Street.....

City..... State.....



No Place Like Home

AND above all, none like your own. Be it large or small it is inspiration and sanctuary in one—the foundation of contentment and the temple of happiness. So build yours now—to enjoy springtime and summer starlight on your own door step.

Arkansas Soft Pine

is ready to help. A rugged wood for the house structure—a beautiful woodwork for the homelike interior. Endowed by old Mother Nature with many physical advantages peculiar to itself; produced in abundance and readily obtainable, it puts your home of dreams come true within easy reach of your purse and answers every requisite of exacting taste in interior decoration.

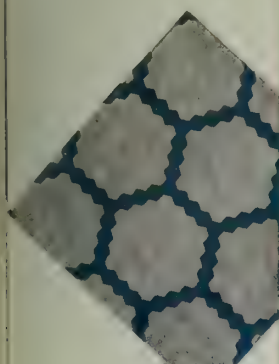
Plans? Yes! Samples? Yes! Why is it so good? Yes! Home designs and finished effects that will be a revelation in beauty combined with economy. Also helpful hints on how to build. All yours for the asking. Write now, while you feel the urge.

*Arkansas Soft Pine is a trade marked wood
sold by dealers and planing mills east of the Rockies*

Arkansas Soft Pine Bureau

474 Boyle Building • Little Rock, Arkansas





Above—Belflor
Inlaid Pattern
No. 7101/4
At Right—
Belflor Inlaid
Pattern No.
2047/2

A Miracle in Home Beautifying

SUCH a glowing color-scheme—such complete unity! Notice how ingeniously the furnishings, although of several types and periods, have been brought into harmony by adequate wall treatment and, particularly, by the cool, quiet dignity of the flooring.

Permanent, noiseless, rich in texture and vibrant with color, Belflor is opening the eyes of many women to new possibilities in decorating their homes.

Equally notable are the wearing qualities of this new Nairn flooring. Belflor is made of the same sturdy materials as the other Nairn Inlaid Linoleums which have been recommended by the best stores for more than two generations.

Not only does Belflor Inlaid cost less

than cheerless hardwood, but it's less trouble and cheaper to maintain. It provides a most luxurious background for rugs—does away with the need of summer floor-coverings, too.

Belflor never requires refinishing because its prismatic colors do not wear off. The inlaid pattern goes clear through to the burlap back. An occasional waxing keeps Belflor beautiful.

Distinctive Designs—Ask us for the Belflor Folder which shows the distinctive patterns in their rich, natural colors. They'll suggest so many ways to make your home more beautiful.

CONGOLEUM-NAIRN INC.

Philadelphia	New York	Boston	Chicago
Kansas City	San Francisco	Atlanta	Minneapolis
Cleveland	Dallas	Pittsburgh	New Orleans



Above—Belflor Inlaid
Pattern No. 2047.1

Below—Belflor Inlaid
Pattern No. 7103/3

NAIRN ^{INLAID} LINOLEUM

PEERLESS

You are conscious, mostly, of the *lack of vibration* in both these remarkable cars—the Equiposed Eight; the Superb Six

THAT'S it. The *lack* of vibration. This most noticeable characteristic of Peerless cars is also their most desirable asset.

For, their surprising lack of vibration results in power unusual—the kind of power that flows smooth, full and free at the touch of the accelerator.

Owners of the Equiposed Eight declare that at every ride they marvel more, while those who drive the Superb Six call it the “best six cylinder automobile in the world.” That's the kind of

performance these two Peerless cars give.

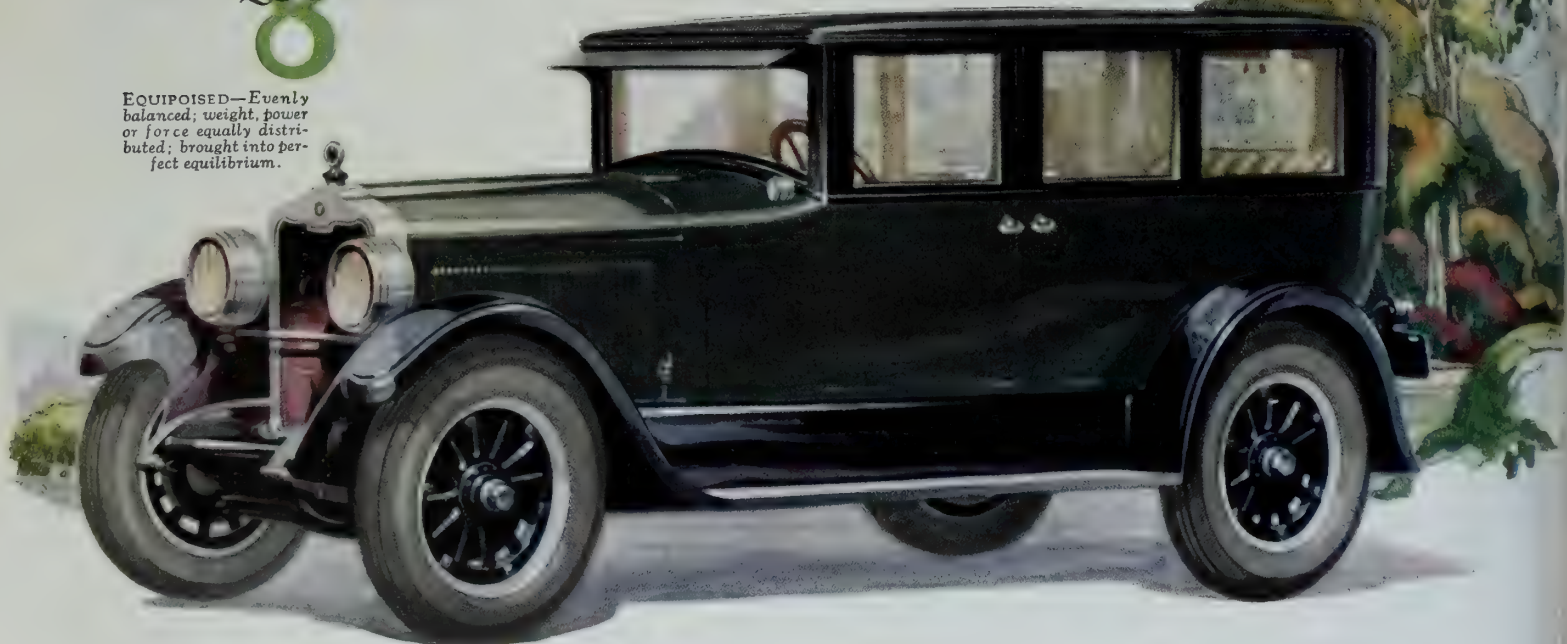
And there are other respects in which those cars are strikingly individual. They are rich in appointment, flawless in finish—cars with lines of startling and impressive beauty from radiator to tail-light.

You would find either the Equiposed Eight or the Superb Six a constant source of pride and enjoyment. Either one measures fully up to the high standards you've set for the ideal car you want.

THE PEERLESS MOTOR CAR COMPANY, CLEVELAND, OHIO
The Equiposed Peerless Eight and the Superb Peerless Six

The EQUIPOSED

EQUIPOSED—Evenly balanced; weight, power or force equally distributed; brought into perfect equilibrium.



T. P. L. Co. Redwood Siding

*Looks better
and lasts longer*



In order that you may see what T. P. L. Co. Redwood Siding looks like, its fine texture, close grain, excellent painting surface and its freedom from pitch or other similar substances, we will gladly send you a small sample of our Clear Bevel Siding upon request.

Wide T. P. L. Co. Redwood Bungalow and Colonial Siding contain no knots, pitch streaks or other defects to mar the beauty of a house modeled on the lines of early New England or Dutch Colonial homes.

Cut from properly seasoned, selected 1 1/4" Redwood stock, this siding is smoothly dressed and bundled in standard lengths. It lays flat, stays flat, and assures tight joints because it does not swell, shrink or warp. With an even texture and a surface containing innumerable tiny cells, Redwood takes and holds paint admirably.

T. P. L. Co. Redwood Bevel Siding is supplied in 4", 5" and 6" widths and in 3 grades—clear grade, "A" grade and "B" grade. Every piece is carefully milled, properly seasoned and in all respects complies with the most rigid grading rules. Every T. P. L. Co. Redwood clapboard is smoothly and squarely butted and ready to use. They save carpenter's time and keep waste down.

Permeated during growth with a natural preservative, Redwood is protected against fungus and insect activity. So when you specify Redwood siding, clapboards, shingles, window and door frames, foundation timbers, cornices and trim, porch columns, rail and balusters, pergolas, summer houses or rustic work, garden furniture, or greenhouse equipment, you automatically insure against big repair and maintenance charges. You get a home that keeps its good looks and does not suffer from rot even if painting is neglected.

Before you build, write for our "Redwood Homes Booklet", and for our digest of "Technical Note No. 173", a U. S. government publication which places Redwood in the highest class of all commercial woods—soft or hard—for durability.

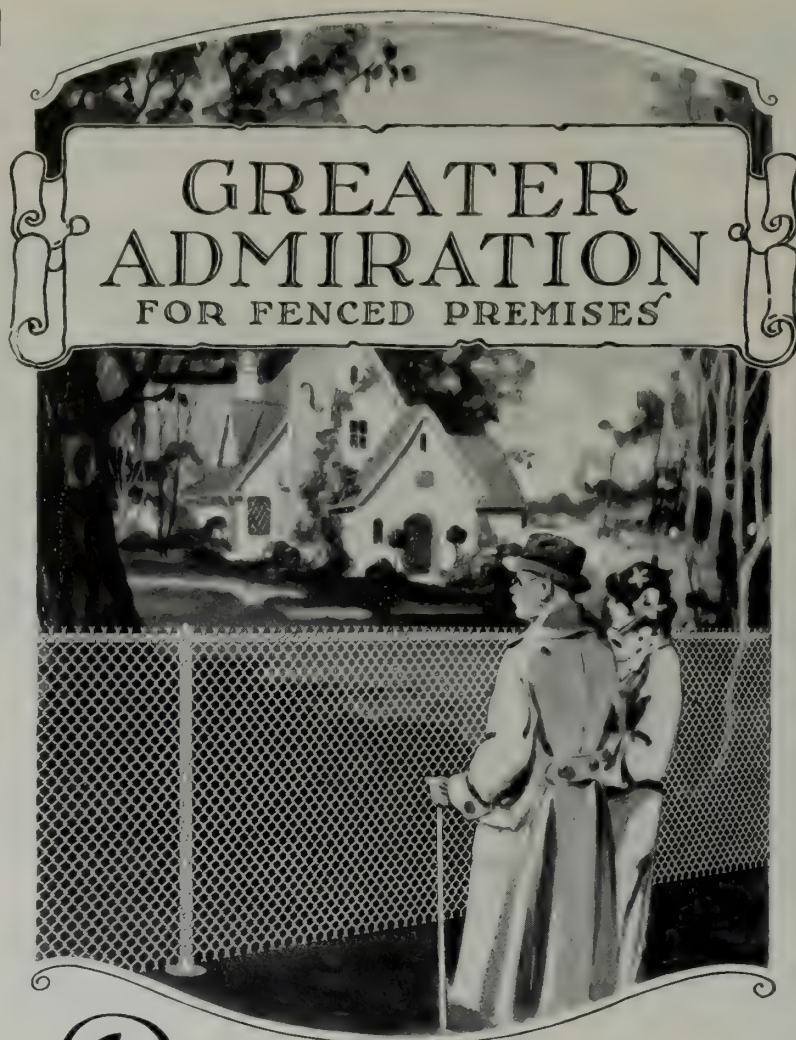
The Pacific Lumber Co.
Redwood

CHICAGO
36 McCormick Building
330 Michigan Avenue

NEW YORK CITY
923 Pershing Square Building
100 East 42nd Street

SAN FRANCISCO
Robert Dollar Building
311 California Street

LARGEST MANUFACTURERS AND DISTRIBUTORS OF CALIFORNIA REDWOOD



*Plan the fencing when
you plan your home*

A beautiful home enclosed with Cyclone Fence constantly wins admiration. There is real satisfaction in owning such a home. And the enjoyment is increased by the many benefits Cyclone Fence brings. Cyclone Fence beautifies and protects. Provides a safe place for children to play. Ends annoyance from trespassers and vandals.

There is a growing tendency for home builders to include Cyclone Fence in their plans and make this beautiful fencing a part of the home setting. Cyclone Fence is built in many attractive styles in Wire and Wrought Iron, suitable for all home fencing purposes.

Write for Catalogs.

CYCLONE FENCE COMPANY

Factories and Offices:
Waukegan, Ill., Cleveland, Ohio, Newark, N. J.,
Fort Worth, Tex.

Western Distributors:
Standard Fence Co., Oakland, Calif., Northwest Fence
& Wire Works, Portland, Oregon

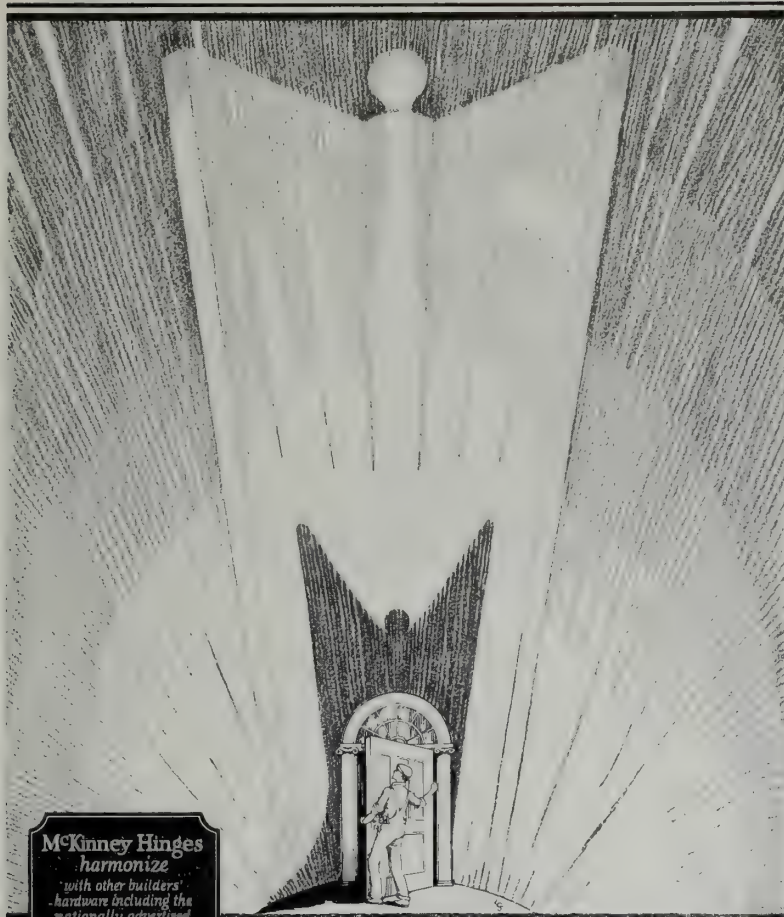


The Mark
of Quality Fence
and Service

Cyclone
"Galv-After" Chain Link
Fence

PROPERTY PROTECTION PAYS

McKINNEY HINGES



McKinney Hinges
harmonize
with other builders'
hardware including the
nationally advertised
products of
CORBIN
RUSSELL & ERWIN
SARGENT
YALE

**Will your builder
labor in the shadow of poor hinges or—**

will you be as thoughtful of your doors as he is—and supply McKinney Hinges?

Builders invariably select their best carpenters for the important work of hanging doors—a task requiring the talents of the most skillful. Yet, in the excitement of building or repairing a home, the owner seldom realizes this fact—and the importance of hinges.

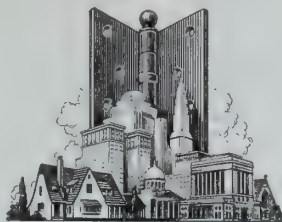
McKinney Hinges are small items which play a big part in your mental and physical comfort. They will serve you for the remaining years of your life.

Your builders' hardware man will offer you a wide selection of locks. Choose with freedom, for McKinney Hinges harmonize with all good makes.

A Gift for Those About to Build

McKinney Forethought Plans consist of little cutouts of your furniture made in proportion to your plans. With them you can arrange and rearrange your furniture right on the blue prints until you are certain the wall space, fixtures, doors and base plugs are as you want them. To aid in your home building McKinney will gladly send a set of these plans. Just write.

McKinney Manufacturing Co.
PITTSBURGH, PA.



A modern copy of an old piece has floral designs in blue. A touch of pink is introduced into the corners

C H I N E S E R U G S

(Continued from page 92)

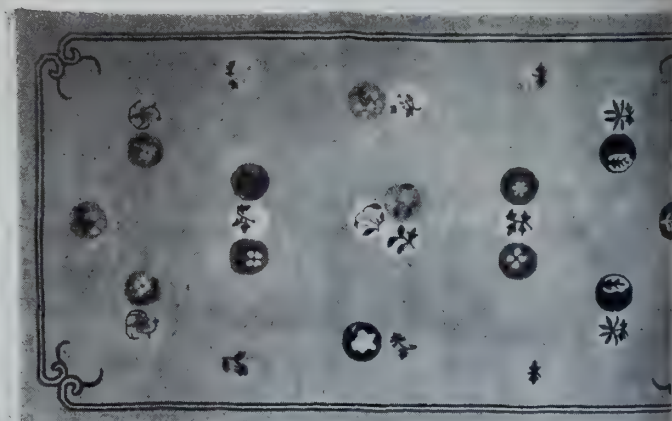
eludes description, a tint best described as robin's egg, and a blue like turquoise. Certain soft shades of yellow with a greenish tinge; imperial yellow that is like gold. The reds are exceedingly distinctive; they are never bright, never of the primary order, but turn to the rich warm hues of fruit—Pomegranate, Persimmon, ripe Apricot. Golden brown, shades of tan and fawn, with a dark brown for outlines; a little green, a fair amount of white, and a very little black. Broadly stated, these are the typical shades. The colors are used somewhat sparingly; the scheme of each rug is limited to a few; the profusion and blending of colors in a Persian rug is alien to the Chinese principle.

Last comes the weaving. As a rule,

the Sehna knot is used, but is so much thicker than in Persia, a different effect is produced, and coarser altogether; sometimes as few as eight knots only will fill the square inch. The warp is generally cotton; the nap, wool, the lamb's wool that is used in the Northern districts resembles silk enough to be mistaken for it. The wool has been sometimes employed by the Tientsin weaver. The result is unobtrusive; a web of the nap at one end, with loops of the warp at the upper end a little fringed.

Passing from these broad characteristics that are shared by Chinese rugs, we come to the classification, a more difficult matter.

(Continued on page 147)



This rug, copied from a fine antique piece in the Pekin museum, has a buff ground with blue medallions and floral designs

Minton English Bone China



PRINCESS PATTERN
REG. U. S. PAT. OFF.

The World's Most Beautiful China



Like all other designs of Minton's, the Princess Pattern is distinguished by permanent colors and ornamentations which are rendered upon individual pieces by hand enameling.

In selected pieces or a complete service, there can be no more cherished possession for a bride than

this artistic design, which will harmonize with the decorations of any period.

Minton's, long renowned in English pottery, has graced the tables of the finest homes for many generations. From calcined ox-bone comes the delicate body and also the durability for which it is famous.

ASK YOUR DEALER TO SHOW YOU THE PRINCESS AND OTHER MINTON DESIGNS

MEAKIN & RIDGWAY, Inc., New York

Representing MINTON'S, LTD.



"The Trousseau House of America"

Fine Linens Are True Economy

HOWEVER little you pay for poor-quality linens is too much—for they will neither look well nor wear well.

Far better—and wiser—to pay a few dollars more for *Maison de Blanc* fine linens. For in their continual beauty and years of service lie the truest kind of economy.



GRANDE MAISON DE BLANC Inc.

Fifth Avenue, 44th and 45th Sts., New York

Complete The Comforts Of Your Living Room

THE addition of one or more carefully selected tables is often the means of materially elevating the character and beauty of the living room. Kiel Tables are moderate in price. Their wide diversity of styles and sizes and their beauty of design and finish make easy the task of careful selection. Remember: Kiel Tables—at most good stores.

Write for helpful, illustrated booklet,
"True Masterpieces."

THE KIEL FURNITURE COMPANY
Dept. 2H Milwaukee, Wis.

**Kiel
TABLES**



* Immaculate and everlasting whiteness ~ ~ ~ And it keeps food fresher

A GIBSON in your kitchen is a satisfaction forever. Its snowy white porcelain surface inside and out delights the most critical housekeeper.

When food is put in the Gibson, it gets the coldest kind of greeting. This frigid atmosphere which is ever present keeps your food fresh and delicious. The twelve-fold insulated walls bar heat always. The doors lock the food and ice compartments automatically and *air-tight*. The patented, non-clogging, cast aluminum trap permanently defies heat coming up through the drain. Such protection saves ice.

The Gibson is easy to clean always. The corners are rounded. Not a crack or crevice for dirt to hide in. The shelves are of non-rustable metal. Sanitary throughout.

This snow-white all-porcelain Gibson is worthy of a place in the kitchen where appointments are of the finest. Ask the Gibson dealer in your city to show you the complete line. There are Gibson models suitable for mechanical refrigeration.

GIBSON REFRIGERATOR Co., Greenville, Mich.
Distributors in all principal cities

* Gibson

REFRIGERATOR

Gibson cork-board insulated refrigerators are being extensively used with electrical refrigeration units

C H I N E S E R U

(Continued from page 146)

rugs of the Ming period—the antiques—often the field is covered with an all-over pattern, and the design is geometric in structure; a trellis-like device for example; an arrangement of the Svastika fret; conventional bat-forms in rows. Flower and leaf designs sometimes appear in diaper patterns; and sometimes, on a field of plain color, rosaries, censers and other temple furnishings are scattered about here and there. Probably the oldest arrangement of all is the central medallion, either on a plain field or on one that has an unobtrusive sub-pattern, such as a series of undulating lines which the Chinese handle with amazing dexterity, for cloud bands or waves. The dragon in the early rugs is small and stiffly drawn. One single stripe edged with a plain color is the usual border, and a running arrangement of the Svastika fret is almost invariable as pattern. The rich, mellow tone of a Ming rug owes something to the action of time. The soft tan, parchment, and gold-brown hues were, in all probability, shades of apricot-orange, yellows, and gold when the work was new. The dark blue is wonderfully fine, the robin's egg tint also belongs to this period, and many of the colors in vogue for contemporary porcelain were also used for the textiles. This gives a good clue for the dates, since we have more information about the ceramics of China than about the rugs.

RUGS IN RELIEF

A curious feature which appears in these early fabrics, as well as later, is an appearance of relief; parts of the pattern are outlined in a dark color, brown as a rule, and then either cut away or treated with a corrosive dye which eats away the wool outline, leaving only the knots intact, so that a brocade-like effect is achieved. The superb velvet brocades of China may indeed have inspired the rug-makers, but the idea is interesting rather than pleasing, according to a Western standard. The wealthy of the period had their rugs woven with a silken pile; the plutocrat went a step farther and ordered his silk pile to be woven on a web of metal. Glistening through the colored silks the effect of the metallic lustre is very gorgeous.

Ming ideas persisted long after the dynasty had been overthrown, and mingled with Manchurian ideas. The geometric patterns are used along with flower and leaf designs. Sometimes these floral decorations cover the field; Peonies and Lotus flowers sometimes form the principal decoration resting on a sub-pattern of scroll work. Again, these foliate devices are run into lines which cross and re-cross the field with formal precision. The dragon assumes an important position: sometimes two or three are twisted together to form the centre medallion, with one at each corner of the field. In many the dragon tails off into scrolls to such an extent that he is

barely recognizable, but he is in some form or other, in many of this period. The Ming scheme is still in force, but the pattern becomes more ornate, drawing less archaic, colors brighter. Yellow with a green is rather typical of these late early 18th Century pieces.

PERSIAN AND INDIAN INFLUENCE

Rugs in the Ch'ien Lung reached their climax, and in quantity that were made in this age, the greater part of our drawn today. The Chinese had by that time learned from the weavers of India, Turkey, above all, Persia, and these may here and there be traced never to the detriment of the Chinese quality. For example, the fine shading which now appears is probably of Persian origin. The geometric patterns and conventional earlier rugs, in these, is replaced almost naturalistic portrayal of—Orchid, Magnolia, Sunflower, Rose, Peony, and so on, with every detail of growth. The backgrounds of cloud and wave motifs are handled with such masterly skill that the "movement" (though contrary to the usual of European art) seems appropriate and lovely. The central medallion, a well defined type of the Ch'ien Lung rugs, surrounded by T-shaped elements or by common things of daily life—a book, a fan, a chest and lyre.

A yellow ground is typical, the shade varying from the palest lemon to the deep gold of open yellow. On this ground the pattern works out in yellow of another shade with cream-white, a touch of blue of one or more shades. A ground of ivory white or ashen-white is typical, with blue for the leading lines of the design. One of the favorite reds—brick-red, brownish-red or a persimmon tone—is also used on the background, though less of the yellow or white; and the reddish hue is still rarer.

After this period rug-making in China gradually declined, and aniline dyes did not arrive until the 'seventies, still, colors in the 19th Century pieces suffered from fading, and the quality became inferior. At the present day, on the other hand, excellent reproductions of old designs are being made, and may be found satisfactory substitutes for the unattainable antiques.

Chinese rugs, in spite of their tinctive character, are very easy to use in our rooms. Oriental paniments are by no means essential to their successful use. With their coloring and delicate design, they monize particularly well with furniture, and they will, indeed, fill a gap where other Oriental might appear too dark and heavy for the general scheme.



Build for
Tomorrow and
use Sargent Hardware



BUILD so that you will still love your home and revel in its comfort when tomorrow comes. Build so that your investment in property is secure. A tiled bath, of course! And plenty of closets and a gracious entrance porch!

But don't leave the selection of hardware to the last, when your appropriation may be exhausted and your patience sorely tried. Select hinges that will support your doors adequately and move them without complaining. Knobs that will look well and turn easily—always. Locks that will give real protection and stay in working order. Select Sargent Hardware of solid time-resisting brass or bronze.

Consult your architect about appropriate Sargent styles. "The Colonial Book" suggests many hardware designs in good taste. It is free. Write for it today.

SARGENT & COMPANY
Hardware Manufacturers
31 Water Street New Haven, Conn.



INTERNATIONAL CASEMENTS



Residence
Cleveland, Ohio

Erwin O. Lauffer
Architect

INTERNATIONAL Steel Casements are I guaranteed weathertight. This means that every window must be so constructed that frame and sash meet as a unit—fitting perfectly at every point of contact. To make this possible requires the utmost care and skill in manufacture, with an almost incredible amount of hand craftsmanship.

International Steel Casements in standard sizes may be had at a moderate cost, and are admirably suited to houses of small or medium size. Special shapes and sizes are, of course, made to order for the residence in which they are to be installed.

We shall be pleased to send you upon request a copy of our illustrated booklet "*International Casements For Homes of Distinction And Charm*", which gives many interesting suggestions regarding the interior and exterior treatment of windows.

INTERNATIONAL CASEMENT CO. INC.

88 HOPKINS AVE. JAMESTOWN NEW YORK

Rejuvenate your Floors

A neglected floor spoils the whole room no matter how fine the furnishings. But a well-kept floor instantly transforms even the plainest room into a cheerful abode.

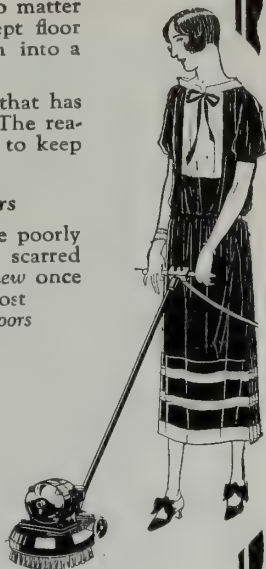
And yet there is nothing about the home that has been so consistently neglected as the floors. The reason has been the *hard hand-labor* necessary to keep them clean and polished.

No more reason for dingy-looking floors

Now-a-days there is an *easy way* to renovate poorly finished floors and to restore lifeless, dingy, scarred and spotted floors so that they are *just like new* once more. And by this same easy method, the most inexperienced person can keep all kinds of floors spic and span and new-looking all the time.

The easy way to take care of floors

You who realize the comfort value of well-kept floors — will be delighted to know about the *electric floor machine* which not only scrubs and polishes floors but will actually *refinish* them as well. This handy little machine has made it an absolute waste of time, money and strength to take care of floors by hand. It is known as the



Ponsell
INTERNATIONAL

Electric Floor Machine

POLISHES SCRUBS REFINISHES

Used and endorsed by thousands of prominent individuals

With a "Ponsell" any man or woman can quickly

POLISH waxed floors **PERFECTLY**
(no exertion whatever)

REFINISH wood floors **LIKE NEW**
(no skill needed)

SCRUB all floors **SPOTLESS**
(no effort—no muss)

There is no stooping, no kneeling, no muss, no getting tired, wet or dirty—and, besides, the "Ponsell" does the work

- five times faster
- for two-thirds less
- and infinitely better

The "Ponsell" works wonders on wood floors, parquet, linoleum, tile, marble, mosaic, rubber, cork, terrazzo, cement, or any other kind of floor.

Several sizes

No matter how small the floors or how large, there is a "Ponsell" of just the right size — for scrubbing, refinishing, polishing — from tiny apartment to largest residence.

Moderately priced

All "Ponsells" are moderately priced—all are operated by electricity and connect to lamp socket, same as a vacuum cleaner. None of them consume more than two or three cents worth of electric current per hour. And none of them require any skill or strength on the part of the operator.

Mail the coupon

Upon receipt of the coupon below we will promptly mail you full information, prices, and list of sales offices where you can secure a *Free Demonstration* in your own home—or a *10 Day Free Trial* if you are located too far from any branch office.

Ponsell Floor
Machine Co.,
220-230 W. 19th St.
New York City.

Please mail free illustrated folder
and full information and prices
about your electric machine for scrubbing,
refinishing and polishing floors of all kinds.

Name _____

Address _____

Ponsell Floor Machine Co.

General Offices

220-230 West 19th St.
New York City

Branch Offices in
Principal Cities



M. E. Hewitt

An old paper of Venetian scenes in tones of warm grey and sepia has been used in the home of Henry O. Rea, in Sewickley, Pa.

PANELING WITH PAPER

(Continued from page 65)

In many ways this fashion seems to be peculiarly well suited to our requirements of today, for it is an admirable enlivenment of our flat backgrounds of paint and picture-mouldings, and gives new interest to the composition and arrangement of rooms.

Not every wall-paper, however, adapts itself successfully to use in panels. There must be a design of more than ordinary interest and vigor to obtain the desired result. Perhaps that is why scenic papers, which are easily separated into groups of pictures by combining three or four strips, are used in panel fashion with the least difficulty. All-over designs like *toile de Jouy* papers may also be used in this

manner with great effectiveness. A chintz and brocade patterns of paper used in panel effect will give a room the quality of being hung with stuffs.

Whenever old paper panels are used, one has a decoration worthy of special attention. Well placed, they form part of the architectural plan of the room, well lighted, and well seconded in color, they win more than repay the people into whose hands they enter.

Leigh French, the New York architect, has chosen to put in his room two old paper panels with a part of the set of "Apollo" panels.

(Continued on page 154)



M. E. Hewitt

Old Chinese papers set in panels give color and interest to a long side wall in a country house. All the papers shown in this article are from Nancy McClelland

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IF YOU are thinking of building a summer cottage, a garage, a play house, a poultry-house or even a dog kennel, let us be your architects.

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THE WORLD



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Not any one system, but facts you want to know about all of them, before deciding on any of them. The facts are told in letters—real letters—that were written by six different people, to two who were planning to build.
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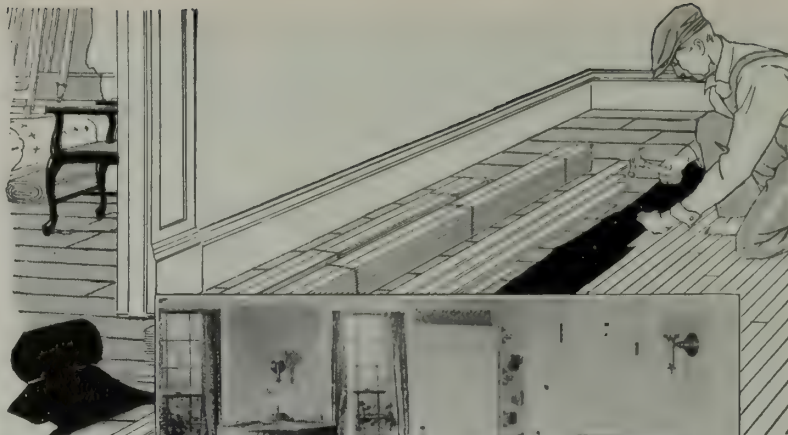
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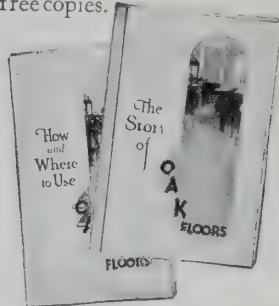
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The Highest Grade Shingles Ready-Stained with the Highest Grade Stains

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The original brilliant white stain. As bright as new whitewash and as lasting as paint.

Cabot's Double-White

Whiter than white lead paint. Two coats cover equal to three of lead and oil. A true flat white for all kinds of surfaces, exterior or interior.



Mary A. Williams

In Mrs. Preston's bedroom, another view of which is shown on page 64, narrow Chinoiserie paper panels are hung over each bed

PANELING WITH PAPER

(Continued from page 150)

Muses", made to imitate bronze statues. By marbleizing the background, and by adding shadows, Mr. French has created the illusion of statues standing in niches. These two panels are hung at the end of the room, one on each side of a real niche where they form a dignified and effective decoration. A picture of this room is shown on page 65.

What may be done by using an old scenic paper in panels is illustrated by the photograph of the dining room of Mr. Henry O. Rea, of Sewickley, Pa. The paper, "Venetian Scenes", is in tones of warm grey and sepia. Color is given to the room by the curtains and the furniture coverings. Such a wall decoration is almost a complete furnishing in itself, before anything else is in place.

Another charming use for old wall-paper panels may be seen in the hallway of Agnes Foster Wright in New York. The Cupidon standing on a pedestal and bearing a huge basket of

flowers on his head is very decorative in design and color and looks particularly well against a marbleized wall of pale green. These gay little panels give interest to the hallway of a small New York house that would otherwise have been just a place to pass through, with no particular interest or individuality.

Many of the modern papers in over designs may be successfully used in panels, although they were not primarily designed for this purpose. No better example of this can be found than in the bed-room of Mrs. J. A. Preston, where a Chinoiserie paper has been applied in a singularly effective manner.

A panel of the paper is hung above the over-mantel, and a smaller panel is placed over each one of the twin beds in the room. Treated with a coat of orange shellac, these panels give the effect of old Chinese paintings, and look exceptionally well against the wall that is done in a flat tone of color.

THE POPULAR FLOWERS

THE question is often asked "Which is the most popular flower?" To answer that may require a lot of explanation. However the experience of the exhibition committee of the Massachusetts Horticultural Society lists the popularity of special flower shows in the following order:

(1) Dahlias, (2) Gladioli, (3) Peonies, (4) Iris, (5) Roses.

The experience of this committee is that the attendance at the society's special flower shows run in this order.

On the other hand it must be explained that the Dahlia and Gladiolus are flowers that demand very little of the gardener. They are primarily flowers for busy people. The Peony, while requiring no more actual care than the former two, is passed up by many gardeners because of the short season of bloom; that is, while they have Peonies they do not specialize in them. Iris, too, is easily grown, and

its new tones and shades offered each year, are quite as varied and abundant as the new colors and forms of Dahlias. The Iris, however, can offer a long season of bloom, if one starts with the pumila types of early spring and ranges through the varieties to Japanese Iris in July. The Rose still remains the Queen of Flowers. She is exacting. She asks intelligent care. She requires work to bring to the fullest bloom. But for all this, those who love her are legion, and the number is growing every year.

Into this class of popularity there may eventually come the Delphinium, on which great work is being done in this country. In fact, A Delphinium Society is threatening to start; the flower already has its own magazine. We can also hope to see a revival of interest in Pansies and Violas. They deserve more enthusiastic attention than at present is offered them.



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and harmonize with the woodwork in your home

Stained floors raise new problems. Aside from the need for a flooring-wood tough enough to resist moving feet and furniture, you need a wood which assures permanence of the stain itself.

You need a flooring of such fine fibre and delicate grain that the stain penetrates evenly and harmonizes with the woodwork in your home.

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New floors make your whole home new—at less than the cost of new carpets! Ask your lumber dealer about 8-inch Maple, Beech and Birch floorings; they can be laid right over old floors without disturbing doors or baseboards. All the delightful color harmonies offered by these flooring woods become yours at a moderate cost, in your present home. Write for "Color Harmony in Floors," "New Floors for Old" and "The Floors for Your Home." These booklets will be furnished free on request.

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Floor with Maple

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Genuine Porcelain Enamel Inside and Outside

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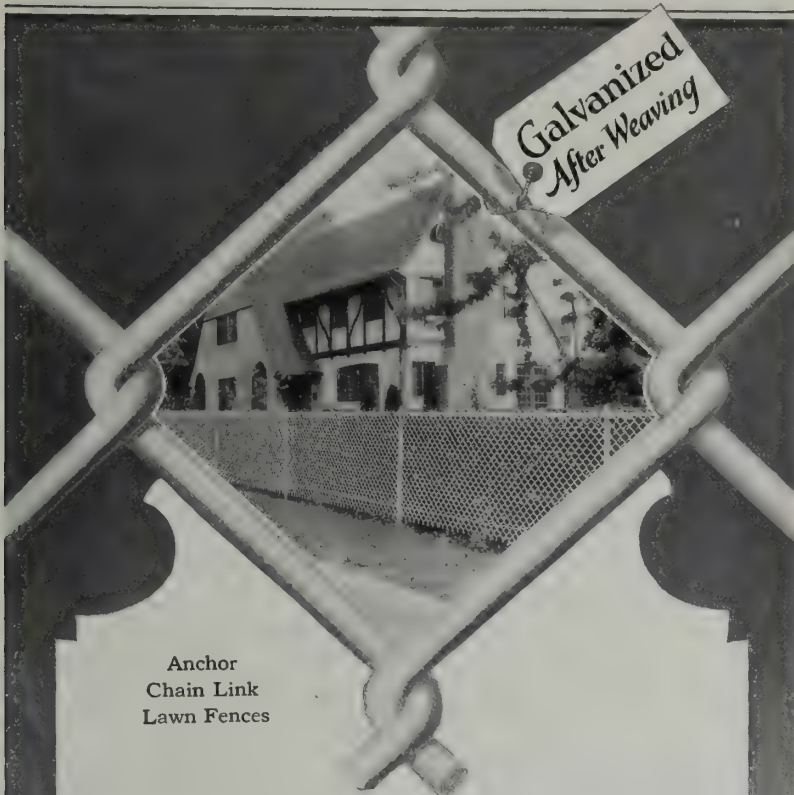
The ability to preserve in wholesome goodness, even most perishable foods, is found in a superlative degree in this new Bohn syphon refrigerator. The clean lustre of crystal-white porcelain, inside and out, combined with the efficient Bohn syphon system, assures the modern housewife of healthful refrigeration.

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Chain Link
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THERE is one language which is universally understood,—the language of a fence. A lawn fence unmistakably says, "Keep Off"—and its command *must* be obeyed!

Beautiful grounds deserve the protection which an Anchor Lawn Fence affords. It prevents trampling of the grass and shrubbery and pilfering of flowers. It keeps out stray dogs and discourages all forms of trespassing. Where there are kiddies, it provides a most effective safeguard against traffic dangers.

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Sales Agents in Other Cities



A suggestion for the arrangement of objects on hall table or living room console. Mrs. Buel decorator

WHAT SHALL I PUT ON THE TABLE?

(Continued from page 58)

a quality of interest to the table top.

Elizabethan and Jacobean tables suggest adventure, travel and the chase. An old velvet runner or a bit of crewel embroidery, a lamp fashioned out of an old Dutch glass wine flask, or a brass or copper jar, with a shade of imitation vellum paper decorated with an old map or ship engraving, and pewter or brass trays and boxes, are useful as well as decorative accessories in keeping with the character of the table. Greens of all kinds such as laurels or pines of various varieties in plain pottery jars bring a bit of outdoors into the room as well as supplying a rich note of green. Brass candlesticks flanking a globe give light to trace real or imaginary travels, and treasured books and pamphlets, carelessly handy for a waiting visitor to

glance through, make such table "live" in a room.

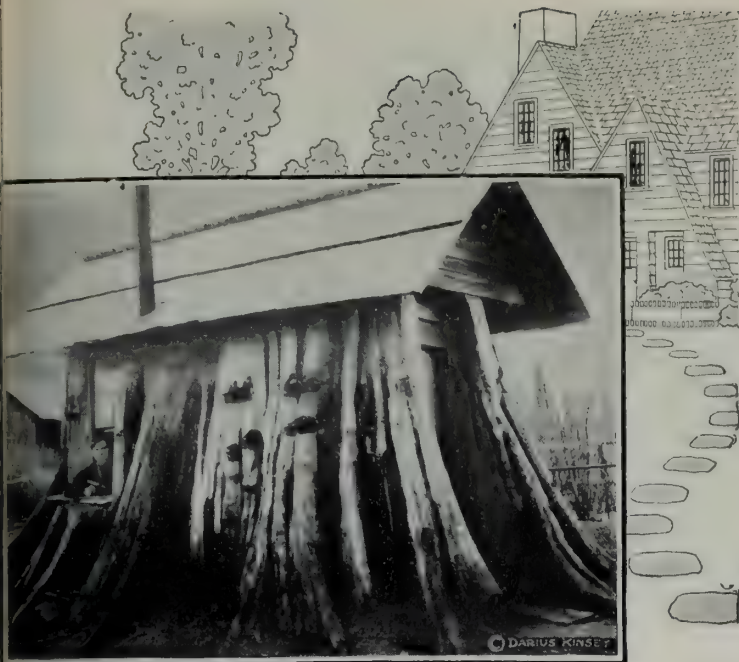
Several things beside the mere writing equipment are necessary to give character and distinction to a table. A desk Directoire in type, for instance, is equipped in the first place for writing comfort, and secondly with touches of flowers and odd appointments for the inspiration of the writer. An Agenda, a Dictionary and a Book of Synonyms are bound alike in brocade or chintz to harmonize with the rest of the room. A tin shaded flambeau such as Récamier might have penned a note beside is an ideal lamp for a table of this kind. Directoire urns in gold lustre, figurines in faience of the period, an old print or two, comfortable ink well and generous

(Continued on page 158)



G. W. Harting

The objects on this small Directoire table are a graceful silver lamp of the period, a row of old books and a collection of small boxes. It is in the New York home of Pierre Dutel



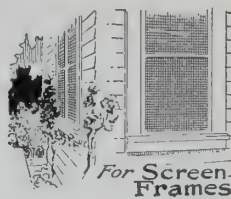
Pioneer Home in Stump of Western Red Cedar—State of Washington

Design, Crude; Material, Excellent!

This strongly-buttressed Western Red Cedar stump—20 feet in diameter—once served a Washington State pioneer as a home. The design is crude but in his choice of material he showed the wisdom and resource of the backwoodsman. He selected Western Red Cedar as the Indians did in bygone years when they built their huge and remarkable dug-out canoes—for its extraordinary durability, resistance to decay, its lightness and easy workability.

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Today you can profit by the knowledge of the pioneers and the Indians; you can choose Western Red Cedar for the siding and exterior trim of your home, enjoying its great permanence and protection plus the masterly and versatile art of the modern architect and builder.

Western Red Cedar contains neither pitch nor resin. It is a beautiful, silky-finished wood, buff-colored, light and naturally armed against both decay and weather. It offers a wide variety of service to home planners and owners.

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Please send me full particulars about Western Red Cedar.

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Kirsch Curtain Rods offer you the utmost in value and aid in artistic window draping. Easy to put up, easy to take down; a fit for every window; a fixture for every effect. The rods tilt on and off the patented Snug-fit brackets, and never come down accidentally.

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FREE Wonderful Book of Window Draping Helps

A 32-page book packed with practical aid for window draping. Ideas for every room and every kind of window—single, double, triple, bay, casement, odd shaped windows and doors, French doors, etc. 24 color schemes for living rooms, dining rooms, bedrooms, sun rooms, etc. Instructions for measuring windows, making valances and headings. How to sew on Kirsch hooks and rings; how to put up draw curtains on Kirsch rods. It's our 9th annual book—a book of real service.

If the book doesn't give all needed help, write the Kirsch Interior Decoration Service Bureau.



An excellent toilet at a moderate cost

THE Maderno is free from the annoying weaknesses of "cheap" toilets and yet is sold at a very reasonable price.

The slight additional cost of the Maderno is soon saved by the absence of repair bills. The tank mechanism will not cause trouble or expense, because it is expertly made and thoroughly tested under water connection.

You are invited to write for our new booklet, "Maddock Bathrooms." This booklet gives suggestions for placing different combinations of fixtures in spaces of various sizes and shapes.

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In Maddock closets, the tanks as well as the bowls are made of vitreous china. These tanks can never corrode or leak, because vitreous china is practically everlasting. Its hard, glassy surface cannot be marred; even acids will not harm it.

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MADDOCK

Bathroom Equipment

Avoid doctor bills by more intelligent use of the plumber



D. B. Merrill

A small table in a guest room should be equipped with writing materials, a small lamp, some books and a vase of flowers

WHAT SHALL I PUT ON THE TABLE

(Continued from page 156)

writing folio in leather, or paper, decorated with an old print, and a file box to hold letters and bills, are necessary and charming appointments for a table desk of this character.

The early American table suggests simplicity and a quaint charm of arrangement. Old pine tables in themselves are so severe that one must keep to ornaments and accessories somewhat of the same type. An astral glass lamp, fitted for electricity, may be used without spoiling the effect of old-fashioned primness. Appropriate shades for a lamp of this type are made of gay cotton prints. Early American glass vases in deep amethyst or rich blue should be filled with garden flowers, and a pair of quaint Staffordshire figurines used for book ends will add interest and be in keeping with this

kind of table. In place of a table cover use a pair of old samplers or mats under the lamp and flower vase. Betty lamps in pewter, old pewter plates and apothecary jars are useful for tobacco or sweet meats. Agate portfolios covered in cotton prints or glazed chintz may be used to hold writing materials or the latest magazines.

Smaller tables should be adorned with consideration for their use both formal and informal. Hence the table console should be as formal as the table itself. The table and convenient small smoking table is informal, and the occasional table should be a happy medium between the two, the objects being selected primarily for their usefulness and then arranged with an eye to decorative effect.

TWO COMMON QUESTIONS

HOUSE & GARDEN readers ask these questions often, so we print the answers to them, in order to pass on the information to many more who may be interested.

Question. "I would appreciate any information you could be kind enough to give me on suggesting what to plant in ferneries in a room where there wouldn't be much sunlight to get to the plants."

Answer. Ferns usually suffer more from too much rather than too little light. They naturally grow in the woods and when used indoors, we should try to get as near to woodsy conditions as possible. That means not much light, lots of water, a humid atmosphere and a peaty soil. If you can give them these conditions, or something approximating them, you will have success.

Other plants which can be used and which will stand a little more light and less humidity are English Ivy and Creeping Charley. In the city the usual difficulty is with the humidity. Steam heating is very dry and unless a pan of water is kept on the radiator in the room with the plants they will seldom do well. The evaporation

from even a small pan is very helpful to them.

Question. "Please tell me what vines are suitable for covering a trellis fence under trees where there is very little sun. Also what annual and perennial flowers will grow where there is much shade."

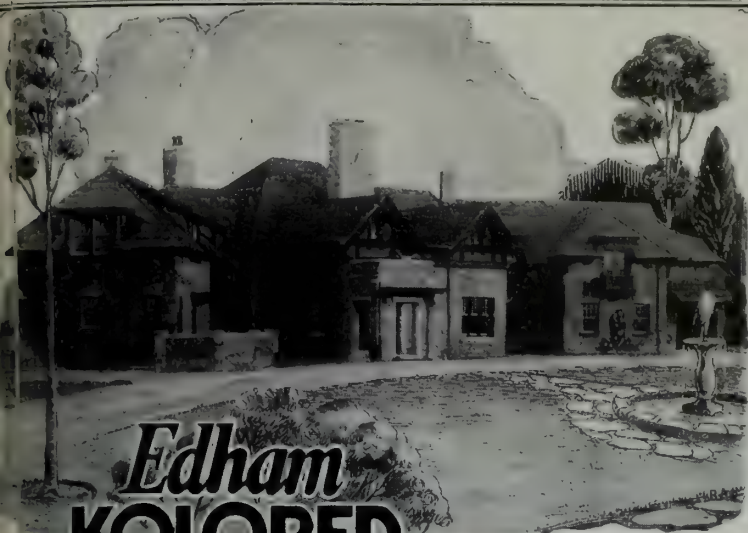
Answer. The best vine for the purpose is *Lonicera halliana*—Honey-suckle. Others which might be used are *Celastris scandens*—Bittersweet, or *Tecoma radicans*—Trumpet Creeper.

The following list of annuals and perennials will do in partial shade.

Asters, Clarkia, Feverfew, Gaura, Lupin, Musk Plant, Nemophila, Pansy, Salvia, Schizanthus, Snapdragon, Sweet Alyssum, Sweet Sultan, Verbena.

Ajuga reptans, Convallaria majalis, Hepatica triloba, Lysimachia nummularia, Polygala paucifolia, Primula guinea canadensis, Trillium erectum, Vinca minor, Aquilegia in variety, Helianthemum in variety, Dianthus in variety, Campanula carpatica, Saxifraga subulata and stolonifera, Veronica in variety, Bellis perennis, Hosta in variety.

The Fifty Year Roof



Edham KOLORED Shingles

ARE you contemplating a new home or renewing the old home? EDHAM KOLORED SHINGLES offer you beauty, durability, comfort and economy to a marked degree.

There are wonderful possibilities of beauty in the choice of 31 colors—soft greys, rich greens, dusky browns and shimmering variegated shades and tints—they will nestle in and become a part of any landscape.

Durability beyond question. Manufactured from British Columbia Red Cedar, a wood endowed by Nature with time-resisting preservatives which make it impervious to climatic conditions; 100 percent Edgegrain, these shingles cannot warp, cup or curl, lasting a lifetime.

Each shingle as it comes from our Dry-Kilns, hot, free from moisture, with the pores of the wood open and receptive to color, is hand-dipped in baths of strongest color pigments, linseed oil, creosote preservatives and "binder," ensuring penetration and permanency of colors.

Non-conductor of heat—6 percent warmer than asphalt, warmer than brick 22 inches thick—you are assured comfort in the hottest days of summer, and lessened fuel bills in the cold days of winter.

The economy is first evident in the lessened first cost of roof or sidewalls, and it becomes more noticeable in the lower upkeep costs; no painting and repainting during the years that follow.

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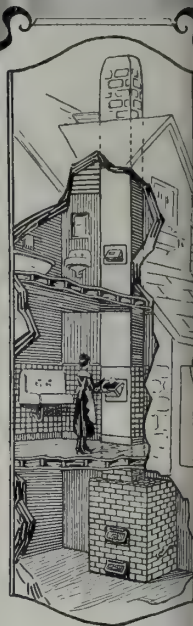
As shown, the Kernerator consists of a brick combustion chamber in the basement, with hopper doors in or near the kitchen above. All waste—garbage, sweepings, tin cans, bottles, papers, and the like—dropped through the hopper door, fall to the combustion chamber. An occasional lighting of the air-dried waste is all that's necessary.

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If it rained for a lifetime this roof would still be *snug and tight*

THE freezing sleet of winter—wind-driven spring rains—summer's drenching showers—blustering fall storms—beat in vain upon your Eternit roof.

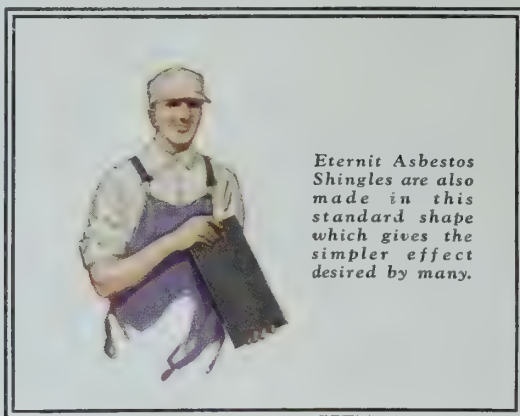
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No more danger from sparks and embers. An Eternit roof is absolutely fire-proof—sure protection for your home. And beautiful besides. A choice of colorful shades. The attractive blue-black as shown in the illustration, natural gray, warm red and rich brown.

Whether you are putting up a new home or thinking of reroofing, you will be greatly interested in "Building roofs that beautify and last." Write for your copy today. American Insulation Co., Roberts Ave. and Stokley St., Philadelphia, Pa.

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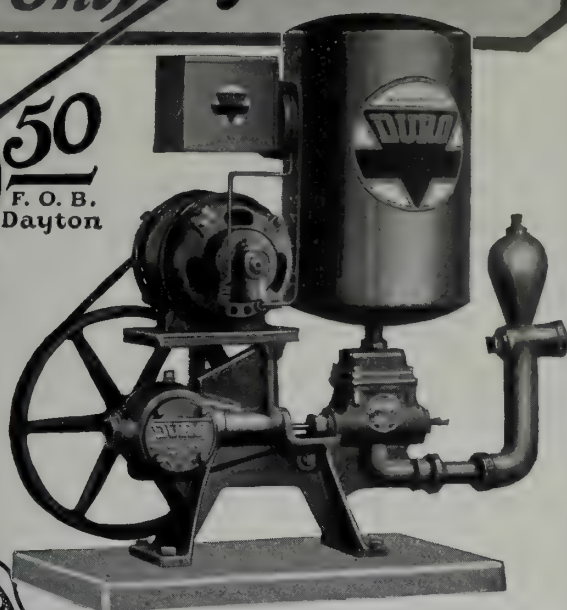
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A remarkably efficient water system—electric driven and entirely automatic in operation—sold at a heretofore unheard of price!

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Largest manufacturers of Water Systems and Water Softeners Exclusively

The New Duro Single-Connector Softener simply set in your basement and connected with your city water lines will give you pure, soft water—ideal for drinking, cooking, bathing—at very little cost. Refined and simplified valves and valve manifold eliminated. A demonstration will reveal many advantages. See your dealer. Priced as low as \$15.00. F. O. B. Dayton.

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Smith & Bassett, Architects

Tudor Stone Roofs

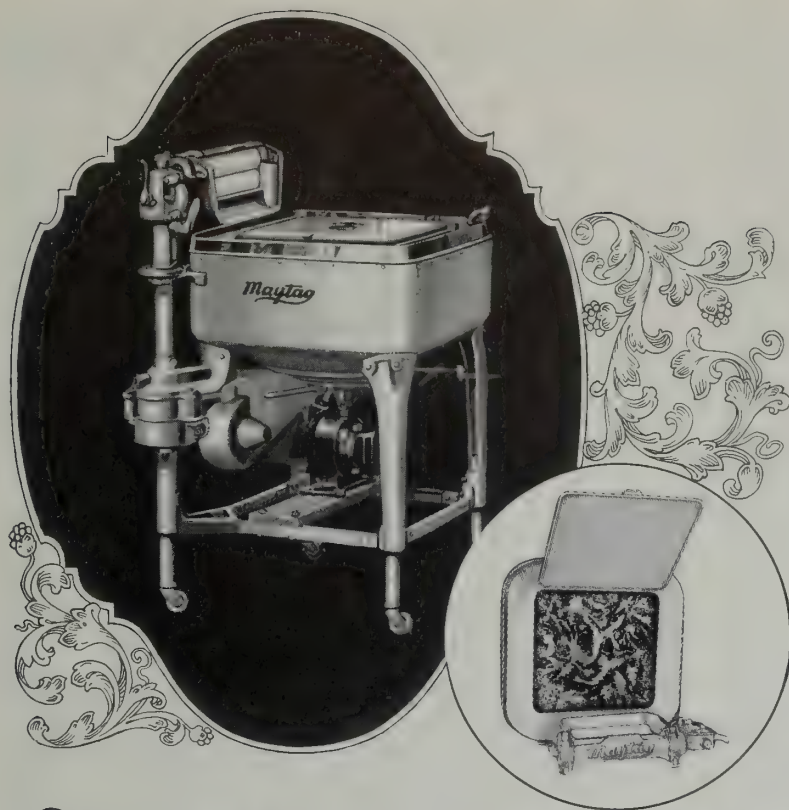
Whether or not the exterior of one's new home presents a pleasing appearance depends mainly upon the architectural design and the choice of materials that harmonize. In Tudor Stone we have a natural slate whose characteristics enable us to design a roof to blend with almost any type of architecture.

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Our Architects' Service Department, under the direction of Mr. Walter McQuade, a practicing architect, will gladly cooperate with you and your architect in planning a Tudor Stone Roof. We shall be pleased to send you upon request a copy of our illustrated booklet which fully describes our service

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BOSTON PHILADELPHIA CHICAGO



Turbulence in the Tub

NEVER before, in a long history of creative effort, has Maytag ingenuity been so decisively revealed as in the development of the Gyrafoam washing principle.

Place a napkin in a pan of rapidly boiling water. Observe the violent commotion as the water's compelling energy is expended upon and through the piece.

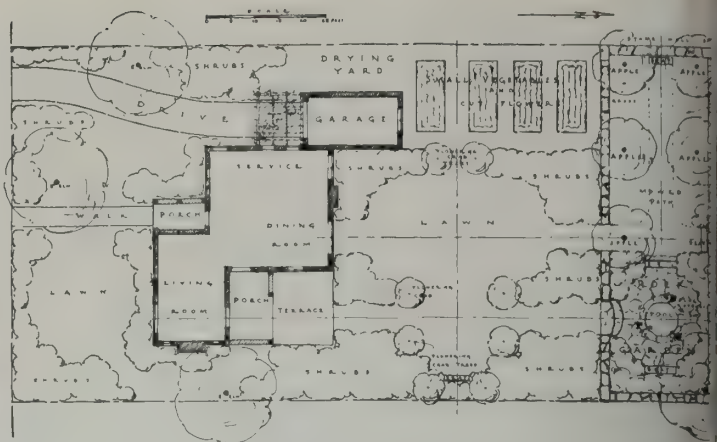
Imagine the motion of the energized water multiplied many times. Then this simple experiment will illustrate the water turbulence of the Maytag Gyrafoam Washer.

The Gyrafoam follows the now proven theory that the water must agitate the clothes and not the clothes the water.

Test the Gyrafoam in your own home just as you will use it year after year. No other method can so effectively demonstrate its value. It sells itself. It will surely sell itself to you.

F. L. MAYTAG, Founder

THE MAYTAG COMPANY, Newton, Iowa



The grounds are divided into six parts: the service section, from the entrance drive to the vegetable and cut flower beds; the front lawn; the main oval lawn; the long pathway from terrace to rock garden; the rock garden and the orchard garden

AN IDEAL SMALLER GARDEN

(Continued from page 90)

openings marked by Flowering Crabapples. In the deep and heavy planting along the pathway, and at the end of this cross-axis, a seat has been placed.

The rock-garden and orchard garden are enclosed by a low, roughly built, dry stone wall covered with Roses and Honeysuckle. The level of the rock garden has been made one foot lower than the ground about it so that a few steps could be used. Its floor is a pavement of random-shaped flagstones from the uneven edges of which rock ledges rise to the wall, and in the center of which is set a crudely circular pool.

This little garden, being a setting for rock plants and wildings in general, has been made in a rather naturalistic way, but it is essentially civilized. Its shape and arrangement have a plainly recognizable form. As with the rest of the place the idea has been to achieve informality without the sad but customary chaos.

Off the rock garden, up three low steps, lies the orchard garden within the same surrounding walls. Here no real attempt has been made to garden. Grass grows tall under the trees and is mowed only for a central path that leads to a seat at the end. In the high grass sections are planted spring flowering bulbs, summer lilies, and Asters for Autumn, so at any season this brief stretch of orchard is a lovely and interesting spot.

The planting scheme throughout the whole place is held as close as possible to native plants. The bulk of the shrubbery planting is composed, among the low-growing types, of such things as:

Ink berry: *Azalea indica*
Indian Currant: *Symphoricarpos vulgaris*
Coral Berry: *Callicarpia purpurea*
Drooping Leucothoe: *L. cathartica*
Mountain Andromeda: *Pieris arborea*

Among the shrubs of middle height would be used:

Washington Thorn: *Crataegus coccinea*
Red Osier: *Cornus stolonifera*
Golden Willow: *Salix lutea*
Mountain Laurel: *Kalmia latifolia*
Native Rhododendron: *R. catawbiense*
Lilac: *Syringa vulgaris*

Some of the large shrubs and small flowering trees would be:

Flowering Dogwood: *Cornus florida*
Mountain Ash: *Sorbus americana*
Flowering Crabapples: *Malus* (variety)
Flowering Cherries: *Prunus* (variety)

On planting the grounds the tendency should be to use fewer and larger plants than is the custom generally. The cost of this method is scarcely greater at first than that of using many small plants, and it is certainly more effective at once, and considerably less trouble as time goes on for it requires but very little thinning out.






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Suppose you call at our store and let us show you different models. Clocks with chimes from \$200. upward. Convenient terms arranged.

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Ask your favorite dealer about St. Johns Tables, and meanwhile write us for booklet on home decoration.

Illustration shows St. Johns Davodine, patent extension table, with concealed folding leaf beneath top.

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Goblets
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THE GREAT DINING-HALL OF THE HOTEL STATLER, BUFFALO, WITH A CEILING IN McDOUGALL-BUTLER COLORS

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A NOTE
BY JAMES WALLEN

IT is the function of interior decoration to evolve an atmosphere in which men and women of culture find happiness and repose.

McDougall-Butler varnishes, enamels and paints are utilized in the creation of backgrounds against which the gentle play of manners is enacted.

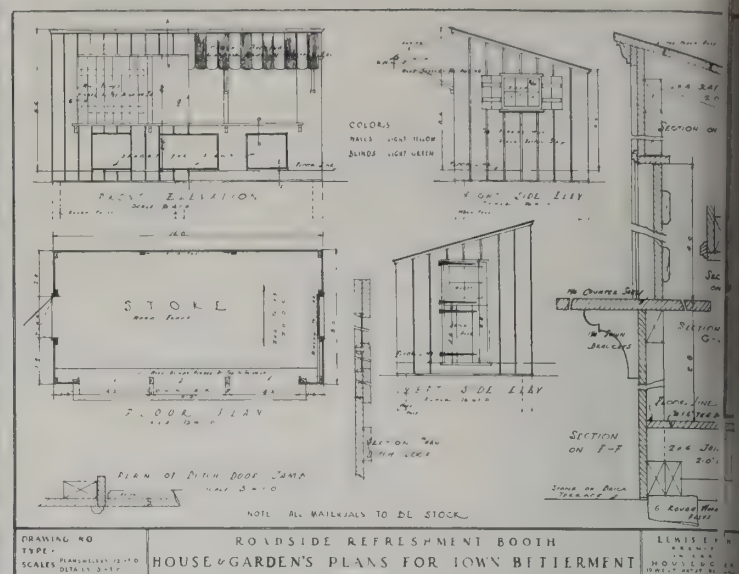
It is because McDougall-Butler products "Refine Everything They Cover" that they are chosen for the rooms in which the spectacle of life is seen at its loveliest.

Samples will be sent you for the asking of three McDougall-Butler products—Zanzite, "the lily among enamels," Mattona, "the true mat finish," and Permanite, "a crystal-clear varnish."

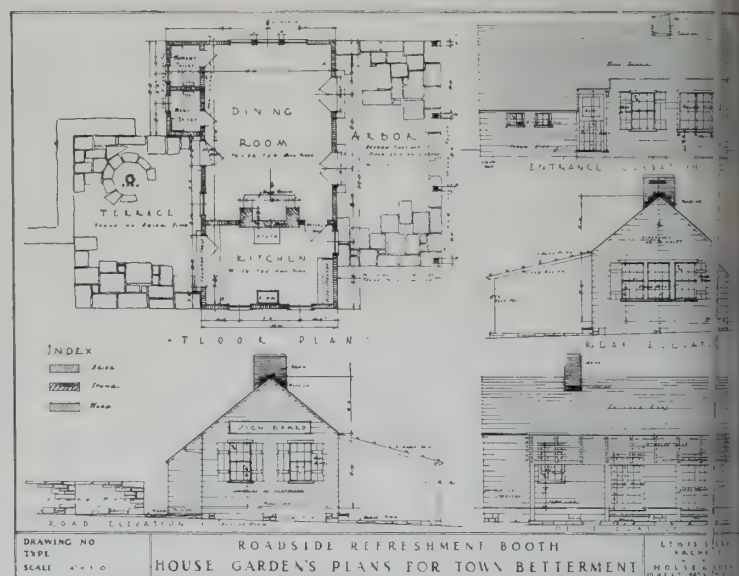


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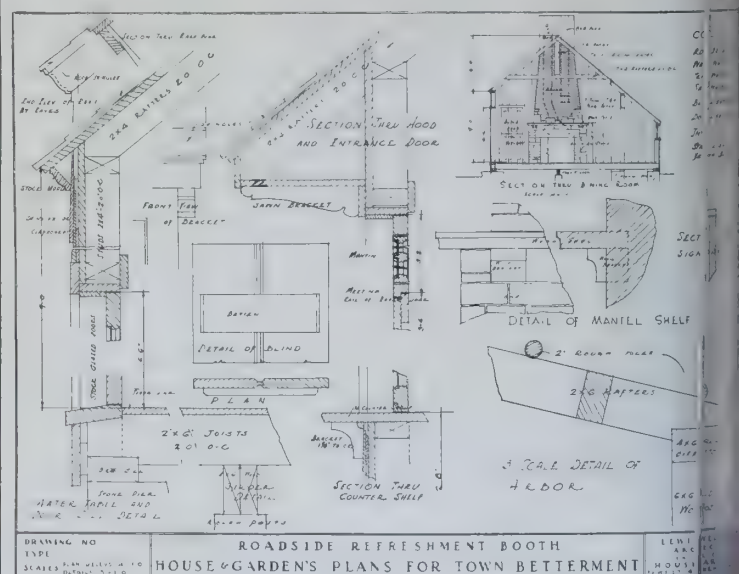
BOOTHS FOR TOWN BETTERMENT



The drawing for the smallest of the booths—Type A—gives all the necessary information for its construction



Type C booth requires two drawings: one for plans and elevations at quarter-inch scale and one for details at three-inch scale



The second sheet of the type C booth drawings shows all the details of construction at three-inch scale

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A songster in a colorful Hendryx cage of Pyralin reflects the Easter sentiment and heralds the glad springtime. You will love this charming cage in its contrasty schemes of permanent green, amber, orange, black and white—it is so strikingly different. Let us send you a folder in colors.

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Since 1869

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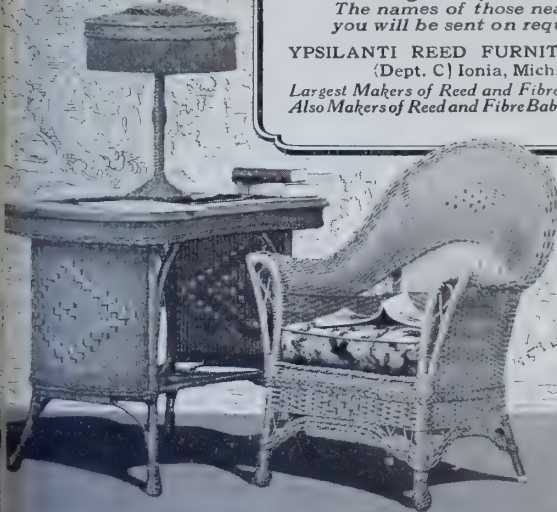
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Neither the season of the year nor the nature of the room limits the uses of Ypsilanti reed and fibre furniture. The beautiful and varied patterns are for practical service wherever and whenever furniture is used. Ypsilanti is the largest maker of furniture of this type in the world. Any product bearing the Ypsilanti name can be relied upon for exceptional durability, as well as style and finish.

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Italian Importations:

WELL HEADS • CIRCULAR SEATS
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Residence of Dr. George Sherrill, Stamford, Conn.

E. T. Howes, Architect

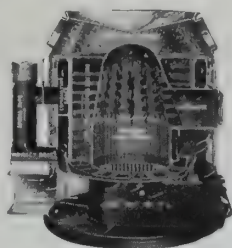
A Roomful of Pure, Fresh Air Keeps You Well

It's the cold-air room—an integral part of the Kelsey Health Heating System.

Way down in the basement you find this room, open to the outdoors on one side. The fresh air is brought from this room into a huge cold-air duct—much larger than in any other heating system—then into the hollow, zig-zag, heat-enveloped tubes of the Kelsey Warm Air Generator. This fresh air is then warmed, automatically humidified, and forced into every corner of the home.

And so you breathe warm, fresh air, not hot, dead air. Warm air that keeps you comfortable. Fresh air that keeps you radiantly alive and "on your toes."

And remember that for the large or the more modest home the Kelsey, because of its peculiar construction, is decidedly easy on the coal bin.



You will get some valuable information about "Health Heat" from our new booklet, "Kelsey Achievements." Write us for it now.

See our exhibit at the Architectural and Allied Arts Exposition, Grand Central Palace, New York, April 20th to May 2nd. Space 322.

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WARM AIR GENERATOR

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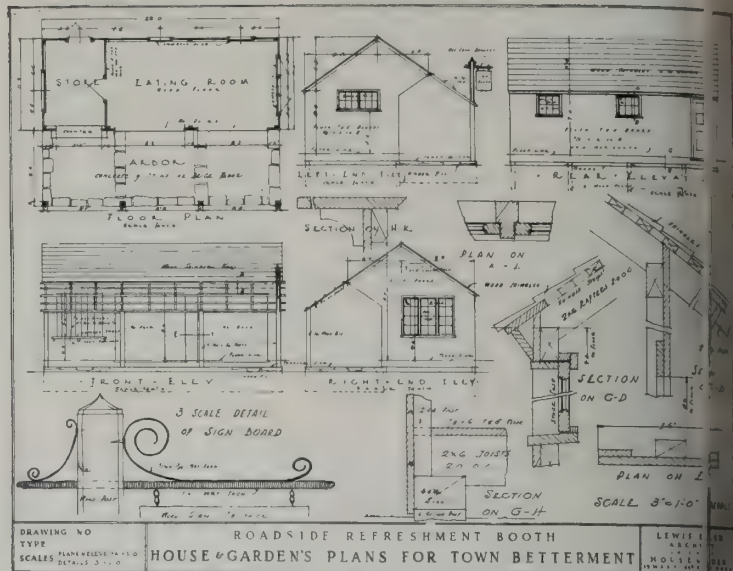
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BOOTHS FOR TOWN BETTERMENT



Plans and elevations at quarter-inch scale and details at three-inch scale are given completely on the drawing for Type B booth

ON HOUSE & GARDEN'S BOOK SHelves

COLONIAL FURNITURE OF NEW ENGLAND. By Irving W. Lyon. Published by Houghton Mifflin Co.

Colonial Furniture, or a Study of the Domestic Furniture in use in the XVII and XVIII Centuries, has lineage as well as valuable material, for Dr. Lyon is a member of the Connecticut Historical Society and has based his book on antiquaries' records, old inventories, and books and papers of that period.

As far back as 1877, Dr. Lyon began to collect beautiful furniture in the vicinity of Hartford, and gathered a very rich harvest. About 1880 he began to study the American Colonial furniture of New England and in this volume is to be found the slowly accumulated knowledge of the subject, beautified by plates of actual pieces of furniture and ornament with, in every case, the key to its authenticity in the text.

This collection, for it is more than a book, is divided into seven chapters with very convenient titles: Chests, Cupboards, Chests of Drawers, Desks, Tables, Chairs and Clocks, followed by an Appendix and a very valuable index.

In the first chapter is a very nice discussion with evidence drawn from old biographical dictionaries of why chests could have been and were made in New England in the 17th Century! This may disturb some collectors and it may inspire others but nevertheless, the facts are here!

From old inventories and writings of the day, Dr. Lyon has given valuable data and in the chapter on cupboards, a very taking description from Comenius—the function of the "liverie-cupboard":

"Golden and gilded beakers, cruces, great cups, crystal-glasses, cans, tankards, and two-ear'd pots are brought forth out of the cupboard and glass-case, and beeing

rins'd and rubb'd with a brush are set on the liverie-board."—Janua Linguarum, edition 1643.

The price lists in this chapter and in others are of tremendous interest. For example:

"1 livery cubbard, cubbard with 1 velvet cushion, 2."—Inventory of Henry Webb, Boston, 1661.
"By two small cushions to set on a cubbards head, 2."—Inventory of Nathaniel Upham, Mavin, Mass., 1661-62.
"1 Cushion for cubbard lid, 1 s."—Inventory of Thomas Plowes, Salem, 1663.

Etc., Etc.

Under the heading Chests of Drawers, there is, of course, discussion of old brasses, with an interesting illustrative plate showing handles, (hardware) etc.

It is interesting to learn that the chest of drawers does not figure in English inventories until the early half of the Seventeenth Century and as early as 1643 are they listed in New England!

Furthermore, the author points the reader immediately in possession of facts which will save him from making things with the wrong origin. For example, such pieces of furniture will be found throughout the country—(The numbers are ours):

1. "A history of Windsor chairs in this country showing that they were in use in Philadelphia as early as 1736, much earlier than has been supposed."
2. "Proof of the early use of walnut and mahogany furniture in this country. The former as early as 1688 and the latter as early as 1708. It will probably be found that mahogany was used for work in the West Indies or America considerably before 1708."

(Continued on page 17)



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FIBRE-REED FURNITURE, hand woven by Northfield, is fashionably smart, and brings into the living rooms a fine proportion of harmonious color and comfort. Nothing better can be made in these materials. Many interesting designs and color combinations. Other articles in Fibre-Reed to

match suits—floor and table lamps, tables, desks, chairs, ferneries and smokers' stands.

All Fibre-Reed suits may be had with the famous Northfield davenport-bed. "Stationary" davenports, if preferred. Look for trade mark "Northfield" at your dealer's.

Write for "Fibre-Reed by Northfield." If more interested in Overstuffed, ask for "Blue Book of Living Rooms."

THE NORTHFIELD COMPANY · SHEBOYGAN, WISCONSIN
Makers of Good Furniture

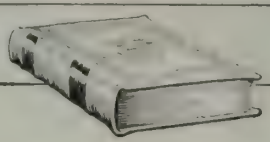


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The dictionary calls it "a flexible tube of inflated rubber, protected by an outer casing."
But we at the Mohawk plant like to think of a tire simply as a package containing a certain number of service miles.

It is possible, of course, to do up a few miles in this package and fool the buyer for a little while. The package tells no tales.

You can look even a gift horse in the mouth and tell what you're getting, but you can't look into the "warp and woof" of a tire and count the number of miles it holds.

Fortunately, however, you can read the name lettered on its side, and discover whether or not it is a *good name*—a name that like Mohawk has never been found on a tire unworthy of your deepest confidence.



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Novelty All Copper Lanterns become more beautiful with age—and are made in designs appropriate to present day ideas of home building and decoration.

Helpful Suggestions Sent Free. Our folder "Light Outdoors" contains helpful authoritative suggestions. Address Dept. A.

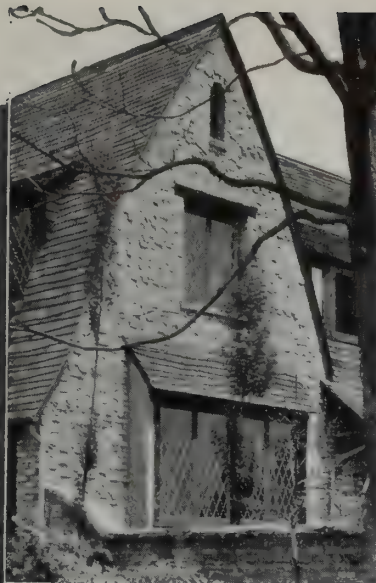
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LIGHT IS FRIENDLY





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Your added investment for a brick home amounts to only a few dollars more than for a well-built house of less enduring materials.

Your savings in upkeep and painting will more than equal the slight difference in only a few years. You have the added advantage that brick homes have highest resale value.

Your architect or experienced masonry contractor will agree with these statements.

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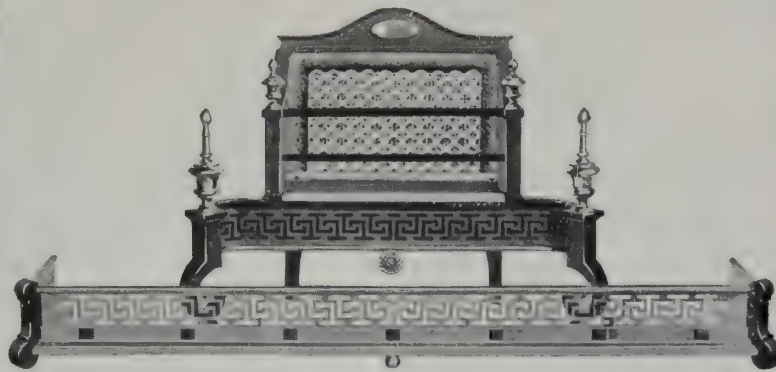
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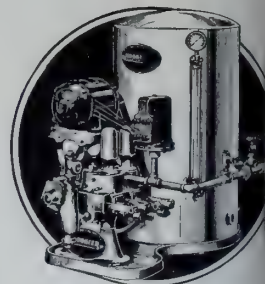
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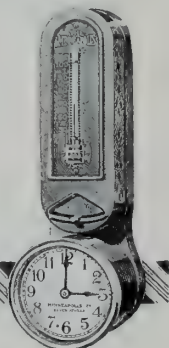
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Don't starve yourself to be slim! Don't torture yourself with hard, tiring exercises. Here is the easy new way to reduce 20, 30, 40 pounds, or more.

Weight control now made easy! 2 things
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DON'T starve yourself and tire yourself with strenuous exercises in order to reduce weight. Don't poison yourself with internal drugs.

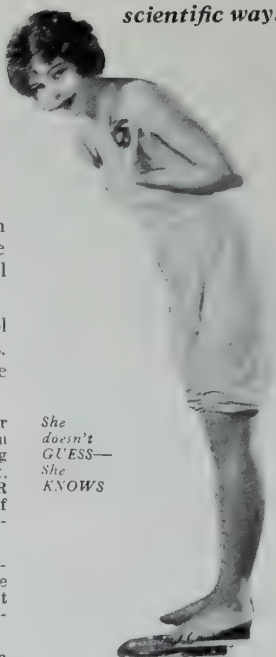
A new scientific System of Weight Control teaches you how to take off 20, 30, 40 pounds, or more, so easily and pleasantly that you'll be surprised and delighted.

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HERE'S how your shutters can now be made to do double duty—the duty of acting as awnings the year 'round in addition to that of being safe home-locking devices when you go away.

This awning feature permits a free circulation of air at a time when circulation is most needed. The full-window-length opening permits this. Whereas the awning really retards ventilation because of its boxing-in tendencies.

These are now important features to consider, especially so when one considers that so small expense brings such advantages to every shuttered home.

You probably have regarded shutters as the architect usually does—from the points of beauty and finish. These are essentials, but they are made secondary by the practical uses to which Zimmerman Fasteners put all shutters.



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FASTENERS for SHUTTERS and CASEMENTS

ON HOUSE & GARDEN'S BOOK SHELF

(Continued from page 166)

3. "The proof that perhaps most of the carved furniture found in New England was made here."
4. "Evidence which renders it very probable that phrases—'livery-cupboard' and 'court-cupboard' were different names for the same piece of furniture, etc."

Such are some of the things which will be helpful to the collector or to the person who desires to obtain authentic pieces of colonial furniture.

Chocolate's debut is mentioned in the discussion of tables and their vogues, and were the space given us, we could write forever on the profound joy this book has given us in relation to information on all allied subjects, enchantingly delivered.

The Appendix has two documents showing the prices of furniture when it was made, which will be as interesting as it is upsetting to the modern collector. These prices are incorporated in reprints of the original document which gives them even more interest to the modern.

For novice and for professional, we recommend this as a work of real significance. We regret the high cost of it but find consolation in the fact that America has libraries where those who cannot buy, may read.

E. R. P.

HOME CONVENIENCES. By F. W. Ives. Harpers Handbooks Series Edited by W. C. O'Kane. Published by Harper & Brothers.

Professor Ives of the Agricultural Engineering Department of Ohio State University has added one other to the series, of so called handbooks, that Harpers has been publishing for many a year. In this book are taken up the various branches of household problems; ventilation, heating, refuse disposal, cupboards, laundry equipments, water supply and conditioning and the hundred and one other things that the home is heir to.

In a book of so slight bulk these huge questions cannot be gone into very fully, and so, as Dr. Ives is no magician, he has but touched on the various topics and given the reader a sampling of the many things to which the good home keeper should turn his attention.

It is because of brevity, probably, that in one place under refrigeration (Page 81) he suggests that all motors in the type of refrigeration are water cooled, while he says not, that many excellent ones are air cooled.

As a sampler then, the book is excellent. In treating of the steam plant and all the different heating methods, as well as his treatment of all the other systems such as ventilation, lighting and hot water he shines brightly. On the other hand in the discussion of the latter day inventions for the home he has not acquitted himself with so much splendor. For example he has omitted the newer things. It may be that he does not believe in them, yet such things as the wringerless washing machines, the newest electric floor scrapers and polishers and the subject of structural hardware are not mentioned.

He is confusing when he says, "one type of machine (washing) has a centrifugal wringer that is rapid in

action". We doubt whether his read will know whether he refers to centrifugal wringer or to a wringerless machine.

In other words, then, this book is an amplified index and should whet the appetite and spur the reader more than sample the various departments of household equipments.

The illustrations are exceedingly good and there are many of them. Each case they are just diagrams enough to be clear and pictures enough to be interesting.

We wish that in such a book as that there were an ample bibliography instead of just three or four books mentioned, for it is just such a book as this that needs a bibliography, it is to do its work thoroughly.

E. R. P.

A WANDERER AMONG PICTURE GALLERIES. By E. V. Lucas. Published by Charles Scribner's Sons.

A traveler accosted an attendant at the Louvre with, "I have ten minutes before my train leaves. What shall I do?" The guard replied: "Turn to the depot."

Mr. Lucas has written his book in this type of hurried tourist manner. In pursuance then of tabloid art knowledge, he has chosen the important galleries of London, Paris, Madrid, Milan, Florence, Rome, Venice, Vienna, Munich, Dresden, Berlin, Amsterdam, The Hague, Antwerp and Brussels.

He takes the reader or seeker by the hand, and points out the few pictures that ought not to be missed, rather than the many that should be seen. This is a high distinction, and worthy of accent in the gallery visitor's conscience.

Rarely does he discuss any picture over fifteen "lines worth", and in nearly every case one is treated to a gaging incident, either in the making of the painting, its historic and artistic significance, or something that lends with one a warmer, more intimate idea of what has been seen.

Mr. Lucas is known too well as a literary master of artistic and human saunterings, for us to dilate on his charming pen. Walking through galleries, woods, or the city ways, would necessarily be rare adventure with him.

The book has scores of beautiful plates, and the index of pictures in the book is of permanent service to its possessor.

E. R.

NATURE PRACTISE AND HISTORY OF ART. By H. Van Buren Magonigle. Published by George H. Doran Company.

At a recital of modern music some weeks ago, we heard the sincere sentiments of Olin Downes registered on the need of the modern American composer, to disassociate himself from surface things and become a part of the deep undercurrents of American life, for not until he does this, said Mr. Downes in his own words, can there be a real American musical art. In this book Mr. Magonigle has faithfully asserted in every attitude and statement the fact that art to be art must be a part of fabric of human life, associated with and never art from it. His own words sum up the

(Continued on page 172)

This Library Fireside

With its blazing log, a good look and an easy chair and a venture to say anyone could pass happy hours in a chilly March evening.

To assure this comfort and to guard against inefficient heat, smoking and soot smudges, the fireplace should be built by Donley Fireplaces using the Donley Hammer and finishing it off with Donley Andirons and Fire Basket.

For complete plans and beautiful designs of successful fireplaces send for complimentary copy of the Donley Book of Fireplaces.

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LUMINIER presents so wide a selection of correct lighting fixture designs that no matter what the decorative and color scheme of the room, you can select from our infinite variety the exact fixtures to give harmonious light at a price well within your appropriation. Let our specialists help you make a correct and economic selection.

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Beautiful Handstitched fine quality Satin Comforter—Virgin Lamb's Wool Filled—in Blue, Orchid, Rose, Yellow and Gold.

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Plumbing Fixtures



ON HOUSE & GARDEN'S BOOK SHIP

(Continued from page 170)

thesis of the book: "IT (art) is not a separate stream running parallel with the current of human events; it is one of the threads of that current and the sweep of life and the progress of art are identical in movement."

With this as a basis of art inquiry, the history of art becomes another branch of the anatomy of life and as such, becomes illumined, and touched with the light of the imagination of special boatmen sailing the stream.

The writer divides his book into two parts, the first part deals delightfully for artist and layman with the subject of art from its earliest manifestations as a means of expression to the periods where technique manifested itself; a chapter on the artist himself . . . the artisan . . . the craftsman up through the guilds and art patronage and the artist's place as the recorder of living through all times.

From this chapter he takes the reader through a most enthralling few chapters on the technique of masters in the plastic and space arts. And too, we neglected to say, before these chapters on technique, there is one very valuable chapter on the principles that go through all forms of art.

So having read but this part, one who is thoughtful is endowed to understand the philosophy of art expression and has achieved much of the background of this record of human aspiration.

The reader then goes to history and philosophy of periods in art in part two, with a real equipment and as the statements throughout are further attested to by photographs of the sculpture and the paintings, this experience of art lore is enchanting. Thus, the second half of the book becomes not a listing of great painters, sculptures and periods of art, but a most vivid philosophy and history of the underfaiths and strivings of the world.

"Before the Curtain" is the name of the first chapter in the second division of the book and in it are explained the trends of the different eras past, present and future that made art what it was and what it is now and what it can be. The climate, the light, the industries, inventions, transportation, the governments, the geography and every condition is suggested to show that art is not excrement and frippery but a fundamental expression and need.

The book is necessarily all too brief. This is its great fault. The photographic plates are apt and well produced. As a gift or as a possession for layman, student or artist, it will be appreciated and kept. It is a compendium of inspiration and knowledge sympathetically and not sentimentally arrived at.

E. R. P.

TABLE DECORATIONS, by Edna S. Tipton. Frederick A. Stokes Company.

The clever hostess knows the value of a perfectly appointed table, one correctly set and charmingly decorated. It adds zest to even the best of foods and its restful effect after the wear and tear of the day cannot be overestimated. But no matter how ingenious and clever a woman may be in the

matter of table decorations, she is always able to give the time needed to planning unusual and distinctive arrangements. She as well as the hostess who desires to have her table as charming and attractive as the house will welcome the book which treats in a comprehensive manner of table arrangements for practically every occasion.

There are practical and creative ideas for table decorations for events as Christmas, the various holidays throughout the year, wedding anniversaries and children's parties, as well as suggestions for spring, summer, fall and winter tables. The descriptions are clear and brief. The book is profusely illustrated with pictures showing tables correctly decorated with various courses as well as the different types of decoration. The arrangements for the most part are simple and many cases artistic. They offer numerous suggestions to the busy hostess who desires to have her table distinctive as well as beautiful.

MODERN ENGLISH ARCHITECTURE, by Charles Marriott. Charles Scribner's Sons.

On looking over the illustrations in this recent book, there was a strong impression that the author had made very bad case for all of English architecture except in the division of country houses.

Upon reading the author's introduction, however, it becomes immediately apparent that here is a book worth reading, whether by architect or laymen. Here is the intricate in full.

"The excuse for this book about architecture by a layman is the belief of architects that such might help a better and more general application of the subject by presenting it in broader outlines and relation and more familiar language than would be possible in a technical or formal treatise. That something of the kind is needed is shown by two attitudes to architecture. On the one hand you have the modest householder craving beauty in his home believing that architecture is over his power not beyond his means; on the other the 'practical' person, able, perhaps, to afford extensive building but contemptuous of what he would call 'architectural trimmings'. The subject of this book is to show that fear and contempt are not only unfounded but in vain; that you can, in fact, build, buy or rent a house without getting mixed up in architecture. A second object is to inform the humble but useful, and to tell people who did what a house is to do something, and breaking down the water-tight compartments into which the art of architecture, painting and sculpture are commonly divided."

Here, at once, is evidence that Marriott has something to say, and that he does not mean to say it in any of the usual balderdash of a caste critic. And the whole book is out this premise, and, besides, is good reading.

This kind of thing means (metaphorically) and tells you something: "I am a layman" (Continued on page 4)

Convenience

What a convenience running water is in the bath, kitchen, laundry and rooms; what labor saved and what comfort brought! Many living on farms do not have running water in their homes because they think it is expensive, and have even investigated the cost. Goulds Pump and Water Systems have brought comfort and convenience to thousands of users, and in many cases have actually saved them money.



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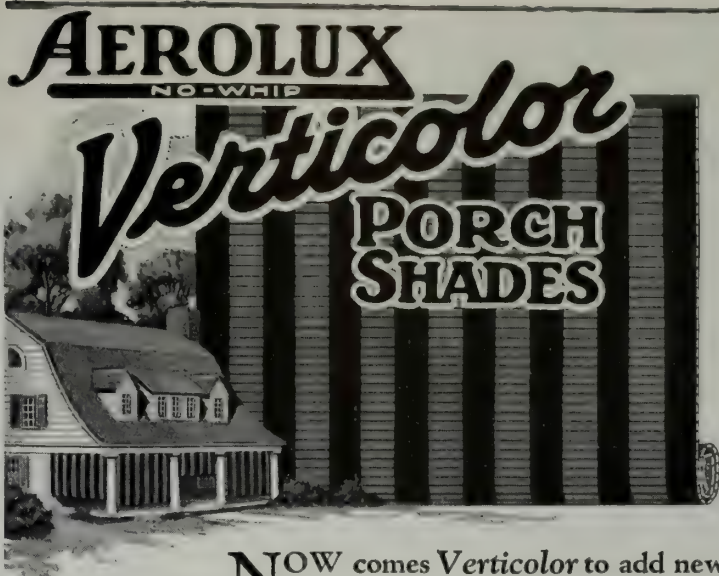
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See Verticolor, the new type Aerolux Porch Shades at your dealers. Write for free booklet in color on "Better Porches".



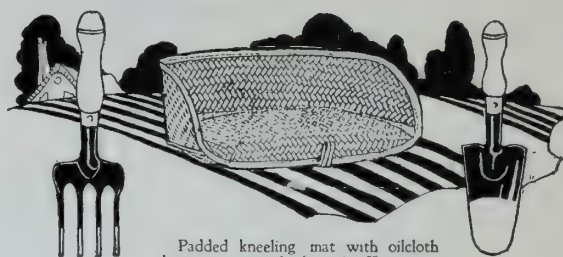
NOW comes Verticolor to add new and desirable color contrast to the porch. Broad ribbons of soft, water-proof colors, hand-blocked on Aerolux Shades, will set off the house perfectly and bring it into closer relation to the grounds.

This new development of the makers of Aerolux Porch Shades, will give the same comfort features and full length ventilation that make Aerolux the preferred porch shade, with the added exterior beauty that decorators want.

Look for the Aerolux patented features that make it easy to install, easy to operate and that make it impossible to whip or rattle in the wind.

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VENTILATE FROM TOP TO BOTTOM



Padded kneeling mat with oilcloth bottom prevents back strain. Keeps you from moisture and dirt. Trowel and fork are of the best steel. Mat, \$1.50. Trowel and Fork, \$1.50.

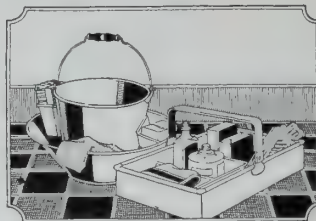
"For poisonous, wheezing Spring has come"

— "April Song," by Don Marquis

It's all very well to talk about joyous Spring. But the housewife greets Spring with thoughts of cleaning the house and starting the garden. She thinks of backaches and mud.

Lewis & Conger's thinks of the housewife—of floors to be scrubbed, of windows to be polished, of plants to be set out and seeds to be put in. Wherefore, we collect equipment to lighten such tasks and to give Spring at least a chance to be joyous.

Here are a few suggestions. Send for complete booklets of house-keeping and gardening equipment.



Housecleaning twins. Pail holds soap, brush and cloths. Prevents water spilling. Tray keeps cleaning things orderly. Pail, in red, yellow, pink, blue or white finish, \$5.75. Tray in red, blue or oak-brown, \$3.25.

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Very hard to dent or mar, as well as very lovely in grain and texture—that's beautiful birch.

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Dining Room, New York Residence of Mrs. Minton Pinchot. Paneled in Beautiful Birch. Messrs. Murphy & Dana, Architects.

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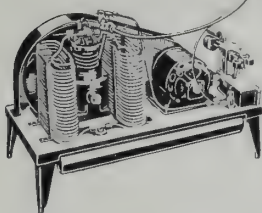
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ELECTRIC REFRIGERATION

ON HOUSE & GARDEN'S BOOK SHELF

(Continued from page 172)

building is capable of architectural treatment, that is to say, organization of its esthetic appeal". It is refreshing to read a whole book full of definite and well-reasoned reactions to architecture, for Mr. Marriott's excellently lucid commentary can be applied to our own architecture as well as to that of England.

Among other things this book gives the best account I have ever read of that misguided romantic "Gothic Revival" which took place in England and sorely afflicted this country in the 19th Century.

In his chapters on "Civic" architecture in England, we cannot but feel that in this type of building most British architects leave us cold. It is not that their works are not well-studied and articulated in an authoritative manner, but that they give an effect of aloofness and pomposity. Our own civic buildings are little enough cause for any feeling that we have a great margin of superiority, but we do seem, at least, to get them a little nearer to people, and a little less in the realm of architectural abstractions.

If lay writers, however, can say as much in their writings as Mr. Marriott succeeds in saying in "Modern English Architecture", more lay writers should be encouraged to follow his example. But the great majority of lay writers, I am afraid, would succeed only in misleading their readers with a medley of unreasoned personal opinions and not even adhere to simple architectural facts. In spite of which, this book is a challenge to any Marriotts we may happen to have in this country, hitherto bashful on the matter of breaking into print with opinions which they may have feared would be laughed to scorn by architects and flayed by the Federated Union of Professional Critics.

M. P.

OLD ENGLISH FURNITURE. I. The Oak Period, 1500-1630, by J. T. Garside. Charles Scribner's Sons.

In this country we sometimes bring out a thorough and scholarly book on architecture or the applied arts; in England they do it very frequently. Specifically the house of B. T. Batsford has brought out more of the finest special books of this kind than any publisher in the world.

The latest Batsford book published here by Scribner's is the first of a series of books on old English furniture, by J. T. Garside.

If we had thought that there were already enough, or too many books on old furniture, this first volume by Mr. Garside would point the moral that there is always room, and welcome, for a really good book on any subject.

In remarkably concise form, in fact, literally, a hand-book, the author presents a survey of old English oak furniture from the year 1500 to 1630 more lucidly informative and illustrative than any book on the subject we have hitherto seen. The foreword states a part of the author's purpose, modestly enough, as an intention to help the reader "to be able to make systematic observation of dates, sizes, structures and ornamental details of antique furniture". Most valuable of all, the evolution of design is stressed throughout, giving a distinct impres-

sion of the growth of one piece of furniture design from another, the actual feeling of style is a thing of the senses rather than of mere verbal exposition. Design, in real analysis, is a thing of the senses rather than of words. It can be interpreted but tends to become hopelessly obscured by verbosity.

Mr. Garside has accomplished a great deal by abridging his treatment, giving more space to a set of carefully drawn detail plates of table legs, bed-posts, pilasters, finials, feet, panels, carving, moldings, capitals and hardware characteristic of the furniture of the period covered by this first volume of the series. The drawings are remarkably in that they achieve accuracy without being hard and mechanical; they are accurate free-hand drawings which succeed, with a real sense of subtlety, in conveying the character of the wood they represent.

If the subsequent volumes in Mr. Garside's series carry on the same clear and keenly interpretative quality of this first one, he will have made a permanently valuable addition to the literature of works on historic furniture.

INTERIOR DECORATION FOR THE SMALL HOME, by Amy L. Rolfe. The MacMillan Co.

There is no longer any excuse for ugly or undistinguished interior decoration as well as innumerable books on this subject point towards livable and attractive homes. A book on the subject of home decoration serves a dual purpose. It is a woman faced with the problem of furnishing a home and unable to employ the services of a skilled decorator, both worry and mistakes are of valuable suggestions in the matter of color schemes and furniture arrangement. And it equips the woman whose house is already an accomplished work with the necessary knowledge to remedy mistakes due to ignorance at the beginning.

The latest book on this subject with the problems involved in furnishing a small house, the home of moderate means. In addition to fundamental principles of decoration there are chapters on windows, treatment, the use of domestic oriental rugs, such an important subject as artificial lighting, and the history of furniture. In this position there are helpful suggestions on the type of furniture suitable to various rooms in the house.

A direct and thoroughly practical book enhanced by many photographs of rooms furnished simply and in good taste.

BUNGALOWS, CAMPS AND TAIN HOUSES, compiled by William Phillips Comstock. William Comstock Co.

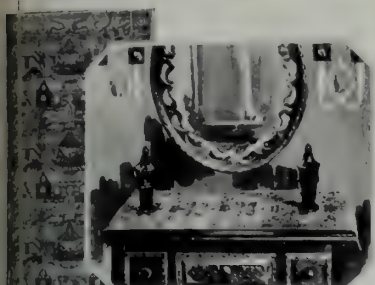
We might feel impelled at the temerity of publishers to put forth so frequently books on bungalows, if we did not know from first-hand experience that the demand for them seems to be practically continuous.

The most distressing thing about it (Continued on page 175)

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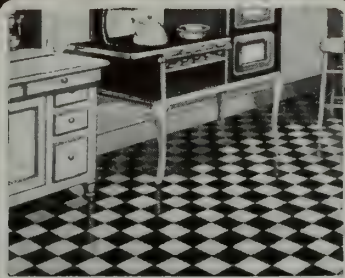
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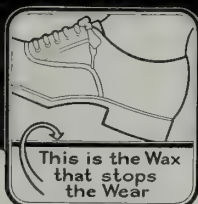
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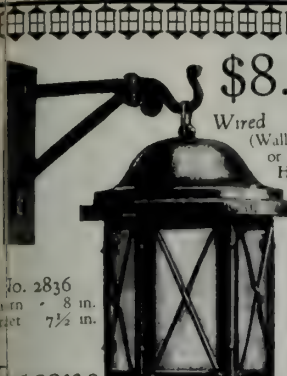
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ON HOUSE & GARDEN'S BOOK SHELF

(Continued from page 174)



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situation, however, is that there is still an appalling proportion of bad design and inadequate understanding on the part of bungalow builders. We would say that this proportion exists "in spite of" the efforts of many publishers, with their frequent bungalow books—but the sad fact is that it exists "because" so many of the books publish bad designs. And people have a way of thinking that anything published in a book is good. If people could pick out the good ones, they could find plenty of them in this book, and in most other bungalow books we have seen—but why risk it to people's ability to pick good designs? Why include any poor ones? Perhaps there aren't enough good bungalow designs to bulk up a book that would cast a shadow if held edgewise to the sun—but we believe there are, if a sufficiently assiduous search were made. It would be worth trying, anyhow.

In the book here under consideration, the title page describes it as "Containing a large variety of designs by many architects, showing homes in all parts of the country, many of which are suitable only for summer use while others are adapted for permanent residence. Camps, hunting lodges and log cabins are also presented, suggesting designs for vacation dwellings in woods and mountains". Also, the title page tells us this is a third edition, "revised and enlarged". We were right about the "continuous demand".

Certainly no prospective builder of a bungalow could fail to get help and suggestion from the array of bungalows illustrated, and enough of them are of good design to predicate a proportion of something like seventy-five percent of good bungalows if followed as models. And in any case, the many plans illustrated are of the greatest value. Yet even if they were all of absolutely excellent design, nothing has been discovered that will prevent people from taking an excellent design and, with a "few slight changes", making an atrocious adaptation of it.

M. P.

"SPANISH DETAILS" contains the photographs of twenty-three patios—and in them one sees the incidental and informal planting of vines and shrubbery—and the bright colored tiles against the plain stucco walls as well as the loggias, surrounding the courtyards or patios.

In one plate showing the patio and loggia of Asilo de Los Cures Venerables in Sevilla—to quote Mr. Bottomley, "Against the pure white of the stucco walls the soft red of the brick pilasters and the pink stucco of the frieze panels and archivolt make an agreeable contrast. The tile pavement is red, while the concentric steps of the fountain and the wainscot are tiled in white, blue, brown and black, with minute touches of yellow."

Also are there five ceilings shown in detail, more than twenty of the loveliest doorways one could imagine, all applicable for use in this country (Mr. Bottomley has made detailed drawings of a great many of them), fountains of great beauty and many grilles, windows, stairways, gates and other details of Spanish architecture.

HILDA EMERY DAVIS

THE SECRETS OF MANY GARDENS. By Mrs. Philip Martineau. Published by D. Appleton and Company, New York.

The author of this entertaining work is that vivacious, energetic, tireless Englishwoman, who, at twenty years of enthusiastic devotion to finding out all the possibilities her own garden wrote a book, "The Herbaceous Garden," in 1913. Its success was proved by the deluge of requests that came from France, Germany and America for help in constructing or making over other gardens. Thus came the opportunity to learn from other gardens and from other countries. To her own thoroughly assimilated first-hand knowledge of plants and their ways, to their needs she added, by means of obviously extraordinary powers of observation, attention and retention, revealed in part by her accuracy in use of names, whatever could be found by persistent searching after flowers and ornamental plants, choice fruits and good vegetables. She plans and constructs a large rock garden within the three days that elapse between the time of receiving the commission and the departure of her steamer. She makes gardens in New England. She finds in the Arnold Arboretum flowering and fruiting shrubs and trees to recommend to American gardeners, whose richness of native flora she vies. She discovers attractive wildflowers in the Grand Canyon, in Yellowstone National Park, in California, in Romania, to whose flower-loving queen in that land of the Iris this book is dedicated, in Greece, in Switzerland, in the Riviera, not to mention lands nearer her own. Her secrets are charmingly told, about not only how to make gardens of various types, but how to make soil also, cement, and money even, for there is sensible advice about buying seeds and plants and selling produce and keeping account with gardeners and the cooks whom the gardeners make deliver, with a chapter on gardening as a means of livelihood for women threatened in for good measure. Dessert fruits have opinions expressed upon them with the true zest of an epicurean. It reveals in matters of vegetables the ways of preparing and serving to preferences as decided as those for certain roses and dahlias and the tiny points that enter into garden design and upkeep.

F. B. N.

SHRUBS FOR AMATEURS, by W. J. Bean. Published by Charles Scribner's Sons, New York.

No person in the world has better means for learning about shrubs than the Curator of Kew Gardens. It may be doubted if any one could present the subject, in so limited space, with more skill. In accuracy and sufficiency of description and prescription the clearness and neatness of expression the little volume is a model. Within its pages devoted to practical topics there is one statement that is not altogether consonant with American practice, that "transplanting should be done at

(Continued on page 180)



Scientific Wren House

It has the silver-throated wren's! A 4-compartment bird house satisfying their habit of changing nests for each succeeding brood. Beautiful design to hang from tree, eaves or anywhere. Green. Of oak, wycypress shingles, copper coat. 28 in. high, \$7⁰⁰ 18 in. diameter.

Seangular Flicker House



Piles with trees should not have these houses. The woodpecker (flicker) save millions of dollars in trees annually, destroying moths, and tree pests. Lovely design. Brown to match tree trunk. Norway pine 26 1/2 in. high, \$7⁰⁰ 12 in. wide.



Bluebird House

Bluebirds for happiness, because they are perhaps our most beloved songsters. They are jacking birds; but this house will win them. Put it on a pole up out of harm's way. Green, of pine, 21 in. high by 16 in. diameter. With cast-iron 16 ft. \$14⁰⁰ pole.



Bird Bath

Birds need water—that's why they bathe. They are afraid of the bodies of water. A scientific bird bath will attract them to your lawn. Sloping sides designed for the birds to get in with. \$26⁰⁰ stand 32 in. high.



Queen Anne Martin House

Made with 48 rooms for the beautiful martins who colonize. The martins devour mosquitoes. Scientific porch. Pure white and green trim. Of oak, copper roof 22-foot raising pole, \$60⁰⁰ house 36x26x37 in.



The Birds Will Come if You Invite Them!

PUT up bird houses this season! Invite the beautiful songsters. Dodson Bird Houses will transform your grounds into a wonderful bird sanctuary.

These quaint signs of hospitality attract the beautiful songsters. So artistic are the Dodson Bird Houses, that one is apt to overlook the scientific details which Mr. Dodson has perfected after years of study. Not so with the birds! They approve them season after season, building their homes, raising successive broods of little songsters.

Gentle folks love the birds, know their happy influence, their inspiration. Dodson Bird Houses open this joy to you.

But, remember, always, the work of the song birds. A thousand mosquitoes a day are destroyed by just one graceful martin! Trees are protected from boring pests by the flicker family! All your green growing things are insured through the song birds you attract.

Send your order straight from this page. The houses come promptly, all carefully crated, ready to put up. Order now—don't put it off.

Who Buys Dodson Bird Houses

Henry Ford, Detroit	J. H. Kellogg, Battle Creek
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Edward Bok, Philadelphia	Irvin S. Cobb, New York
Adolphus Busch, St. Louis	Mrs. Louis F. Swift, Chicago
Mrs. Thomas A. Edison, Montclair	J. Ogden Armour, Chicago
Mrs. Julius Rosenwald, Chicago	Mrs. French Vanderbilt, Newport

and score upon score of friends the country over

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Mr. Dodson is President of the American Audubon Association and a Devoted Friend of the Song Birds.

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free! Send for Mr. Dodson's fascinating booklet—"Your Bird Friends and How to Win Them." Forty years' loving study of the birds has completed it. Things you should know about the work of song birds!



ON HOUSE & GARDEN'S BOOK SHELF

(Continued from page 178)



A Power Mower That Actually Builds Fine Lawns

AN Ideal Power Lawn Mower does far more than merely cut the grass. In the same operation it rolls the lawns to a park-like smoothness that hand mowers cannot duplicate. Then, too, it greatly retards the ravages of worms and other pests.

One man with an Ideal will do the work of five or more men with hand mowers. Your cost of lawn maintenance can be cut from two-thirds to four-fifths. Any unskilled man can operate it.

The Ideal is made by the world's largest exclusive maker of power lawn mowers. More are in use today than all other makes combined. Write for literature on lawn maintenance.

Ideal Power Lawn Mower Co.

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New York, 13-19 Hudson St. Chicago, 11 E. Harrison St.
Dealers in all Principal Cities



IDEAL Power Lawn Mowers

Equipped with "Bulldog" cutting units

a time when the roots can most quickly recover from the injury unavoidably done to them, and such a time is either in the autumn before activity ceases or late spring just after it has commenced." In the general treatment of Propagation the only defect lies in not telling about the callusing of hard-wood cuttings by burying them or keeping them in moist moss in a cellar through the winter. The increasing of different species, however, is handled in connection with the detailed description of each, in the major portion of the work. This is preceded by lists of shrubs selected for various sites and purposes. In the descriptions the author might well have included diseases and insect pests and remedies. The descriptions reveal what shrubs can not be safely used in climates less moist and varying to greater extremes than that of the British Isles. They usually call attention to the most desirable varieties. Rhododendrons and Azaleas, because there is given to them an entire volume in this series for amateurs, are left out; but it is strange that bush forms of laburnums are skipped and that *sorbaria* is not mentioned, even among the spireas, and that the pretty Double Flowering Almond was passed by. The fifteen illustrations are as good as could be expected in a book of price so low.

F. B. M.

HARDY BULBS FOR AMATEURS, by the Rev. Joseph Jacobs. Published by Charles Scribner's Sons, New York.

Of course this is a delightful little book. It treats of those most fascinating subjects of the garden, those small almost magical globules out of which even the ignorant and unskilled can draw, in bewildering variety, the prettiest flowers. The various possibilities are so enormous that it has been found hard to pick for amateurs not species only but varieties also. The versatile and facile author,—and herein is another cause of attractiveness,—has found it hard to restrain himself. His concluding chapter on Omissions tempts one to experiment. But he tells how to select and to manage the hardy bulbs and corms, except the lilies, which are to have in this series a book to themselves. The rhizomatous and tuberous-rooted plants also, which are not much different from those that grow from bulbs proper, have been passed by. In matters of history, description and cultivation there is nothing novel nor extraordinary, while arrangement, in the case of tulips, for bedding and color effects, is touched upon lightly. But for the class of readers in mind everything essential is made plain and pleasant, for outdoors and indoors. For the more experienced gardener too there is much that ought to be known concerning bulbous flowering plants other than the tulip, the narcissus, the crocus and the hyacinth, even about some exquisite gems, including species or wild tulips, that the Federal Horticultural Board still permits to be brought in from the world's workshop of bulbs. In addition there are some charming things of which excellent varieties are made in America, notably the *Erythronium* or Dog's-tooth Violets.

F. B. M.

THE BOOK OF GARDENS AND GARDENING, edited by Reginald Townsend. Published by Doubleday Page and Company, Garden City, N. Y.

Variety and range, from the humblest backyard plot of vegetables to the castle-like mansion upon the clifftop near Newport, mark this kaleidoscopic collection of pictures and paragraphs. By culling from *The Garden Magazine* and from *Country Life* magazines noted for richness of illustrations, the most attractive articles that for the past several years have been contributed on any of the many various topics of the garden, have been made a book that to any household, no matter what his condition, might be stimulative and suggestive. All the articles are popular in character and many are very sketchy and skimpy, but most are reliable and fairly satisfactory for their practicalness, and must admit, considering the diversity of topics. Even topiary work is given a place, occupied by pictures only. A few specialties are given separate treatment,—the Chrysanthemum and Dutch Bulbs. It could be wished that along with each part of the book there had been put a bibliography, with characterization of each work referred to, so that the incentive given by the enthusiastic text and alluring pictures might be properly guided to all details making for perfection. But the general difficulty with a work like this consists in the lack of well considered perspective and lack of well considered foundation upon which to make comparisons. Even with the scope of one of the articles, conceived within evidently narrow confines, there are included among the "Must Haves" Pyrethrums, Hardy Asters, Snowdrops and Orange Sunflowers, where no mention at all is made of the Peonies and the Gladioli.

F. B. M.

GARDENS, A NOTE-BOOK OF PLANS AND SKETCHES, by J. C. Forestier, translated by Helen M. Genthaux Fox. Published by Charles Scribner's Sons, New York.

This large volume sustains, in every one of its expansive pages, the reputation of the French people for style. It is a stylish book for stylish persons. Rustic gardening in all its phases, including rock gardens, is tabooed; everything is most trim and tidy and elegant; but everything is fine and dignified and appropriate. Many of the designs are sumptuous and all are correct and in exquisite taste; in fact, as the translator says, "the plans are like a beautifully written French essay, where every phrase is so clear that the meaning is instantly understood" and they constitute a lesson of universal application, as they possess the qualities that all gardens should have. They are common back what has been too much in these recent times in America, namely the charms of seclusion within walls of greenery against which may be brought out more vividly the colors that somehow we Americans particularly have been too squeamish about using with freedom. With freedom of pavements also and ingenious treatment.

(Continued on page 182)



Sowrite Seed-Sower

Sows Seeds at a Touch!

Enables the Amateur to Sow with the Skill of the Professional—Insures Uniform Distribution of the Smallest Seeds—Assures Strong, Vigorous, Healthy Plants.

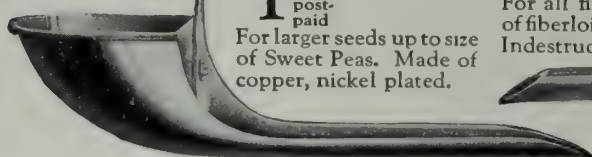
"Sowrite" scatters seed individually; prevents crowding and choking of seedlings. Eliminates guesswork because you can see each seed drop, no matter how fine. Saves time because you can sow seeds twice as fast.

Order a "Sowrite" Now for the sake of finer and better plants—a wonderful gift, too, for all your friends who have gardens.

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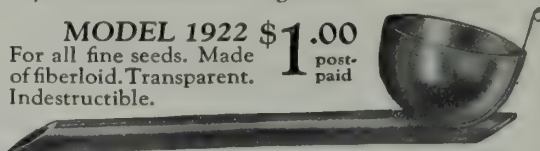
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Highly concentrated; water soluble. Quick acting, yet lasting. It furnishes plants the vital elements of fertility in a form that can be immediately taken up, and its effect is apparent in a short time. Produces luxuriant growth. Intensifies the color of foliage and bloom. One pound can \$1.00 post-paid

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Enclosed is _____ Please send me (state how many)
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Uncommon Flowers make Uncommon Gardens

From mid-June to autumn the garden of uncommon flowers is strongest in appeal. A second look is seldom given to ordinary plants, but you and your friends linger over the Waterlily pool, charmed by the fragrance and the colors—pink, purple, red, yellow, blue, and snowy white.

Best of all, Waterlilies are easily grown in any garden. A half-barrel, or an artificial pool, a little soil, water and sunshine are all they need. Truly a water garden is an uncommon garden.

My New Catalogue

pictures half-a-dozen Waterlilies in natural colors, tells how to plant and care for them, and describes the best kinds for pools and ponds. Send for the catalogue today and plan for an uncommon garden this summer.

WILLIAM TRICKER, *Waterlily Specialist*
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"Much more than a catalog"

This really remarkable book tells all we know about roses—what they won't do, and what they will. Describes their virtues and their faults with all a friend's keen insight. Now, you can select your roses with all the facts at hand. "The Star Guide" takes out all the guess work, all the wondering.

"The Star Guide to Good Roses" is what its name implies, and more. In it is our exclusive new Index, listing the 100 best roses, as chosen by successful growers all over America.

100 pages in the "Guide"—18 in full color. Complete rose index, by color as well as variety.

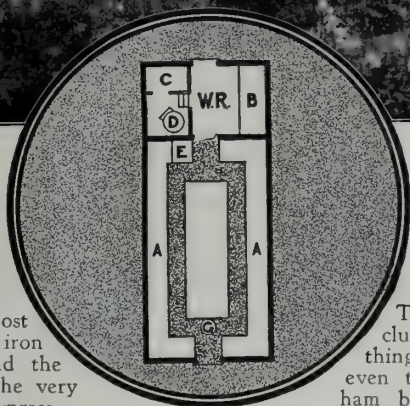
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"Yesterday I received your new rose catalog, and I wish to write and tell you that I consider it the best rose catalog that has been published in America, because it gives the faults as well as the virtues of roses, this being something that has not been done up to this time in our country. Please accept my congratulations."

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Glass Gardens



It has a most complete iron frame, and the wood is the very best of cypress.

The price includes everything, complete, even to a Burnham boiler, f.o.b. Irvington, N. Y. or Des Plaines, Ill.

Material For This Greenhouse \$1650

WHEN you buy a greenhouse or conservatory, you buy something for a lifetime. A lifetime of pleasure and endless satisfaction.

For a very small amount we can sell you the best of materials and complete equipment for a house 15 feet wide and 33 feet long.

We have a special circular showing an unusual number of interesting conservatories and greenhouses.

Will be right glad to send you one.

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Commerce Bldg.

Toronto
Harbor Comm. Bldg.

St. Catharines, Ont.

ON HOUSE & GARDEN'S BOOK SHELF

(Continued from page 180)

in seats in sheltered nooks, from which really to enjoy the air outside the house, every square foot of the premises is used. In but few plans is space given for a garage, so that there is derived an urging to save money too generally consumed in gasoline, and in automobiles that as property are almost as volatile as gasoline, in order to enjoy the pleasanter smells of flowers and the salutary exercise of pruning and ingeniously shaping walks and walls that shall contribute toward making the home a place attractive to live in.

Thus, while the plans are too elaborate and too intricate and costly to execute outside of France and Spain, they will give to the earnest student much of that heritage of beauty brought by the Muslims from the wonderful art of the orient. The plans are not mere plans, for each one is skillfully combined with the perspective so as to make a picture, with the house and all the structures set into finished surroundings.

F. B. M.

AMERICAN HONEY PLANTS, by Frank C. Pellett. Published by the American Bee Journal, Hamilton, Illinois.

This is the revised and enlarged edition of a work that is noteworthy not only because of its being the first book on Honey Plants in the English language. The author is an able naturalist and reveals a general understanding of plant life and of human life, as well as of those interesting insects so important and really indispensable in enabling plants to produce seed and to bear fruit and at the same time so serviceable to man in gathering what might be called a very valuable by-product of the plants. There is of course no need to discuss the fertilization of blossoms by bees

in this book. It is composed with the producer of honey alone in view it makes a splendid contribution to the study of botany and to the study of pomology and agriculture in general. The three practical pursuits are dependent to a great extent. The main object is to aid in bee-keeping. Accordingly there is treated a plant that yields any considerable amount of nectar or wax; and in this category meet the layman's surprise. The names are arranged alphabetically and within the alphabet are placed, very sensibly, topics,—the name of the state or Union, Alaska, Hawaii, and the provinces of Canada, with a succinct summarized treatment of the producing plants of its different sections, Nectar and Nectar Secretion, Physiology of Nectar Secretion, playing exact observation and accurate and true science—, Poisonous and Weather and Honey Production. What is said about poison in controversy the general impression has prevailed since the time Xenophon's soldiers became ill, of them fatally, as a result of honey gathered from the *Rhus typhina*. Honey is rare and poisonous to any one after it has allowed to ripen by standing and much good honey is gathered from plants that in one way or another are poisonous.

The nearly two-hundred plates and maps are clear and are placed where they ought to be. The principal use for the book is in its helping to locate wisely the man who contemplates the industry upon a large scale and in its directing all beekeepers in their efforts to provide conveniently near good and abundant forage that shall yield honey of the best quality.

F. E.

WOODS USED in ENGLISH FURNITURE

From THE OLD-WORLD HOUSE, by Herbert Cescinsley: courtesy of the MacMillan Co.

ACACIA

A white, hard, durable wood, sometimes used for chair frames.

ALDER

Sometimes employed for the rails of "stickback" Windsor chairs of the old-fashioned "hooped" pattern of the kind which in the later eighteenth century were usually made with elaborately carved central splats.

AMBOYNA

A native of the West Indies. Is nearly always found, in eighteenth century furniture, used in veneers, either for covering whole surfaces, or for inlaid panels or bandings. It has a rich yellowish-brown color with a very close "bird's-eye" figure.

APPLE

See description of Pear, which applewood resembles. It is very hard and heavy. It is much used for mallet heads and turnery.

ASH

Native of Britain, Europe, America and North Africa. Wood pale yellow and liable to twist. It possesses great

elasticity and tensile strength, and is used, in eighteenth-century furniture, for the backs of Windsor chairs of the hooped type. When pollarded and cut into veneers, ash is used for inlaying and veneering.

BEECH

Large tree, common in Britain and Europe. Wood yellowish-white with speckled grain; used for cheap parts of the Windsor kind, and for the rails of chairs and rails of footbedsteads.

BIRCH

Wood hard, yellow, sometimes with fine figure resembling satinwood. Used for cheap, but rarely for fine furniture.

CAMPHOR WOOD

North Borneo. Is strongly redolent of Camphor, and used for lining linen chests.

CEDAR

Wood soft, pinkish or brown and fragrant. Very wasteful owing to the amount of sapwood which has to be cut away.

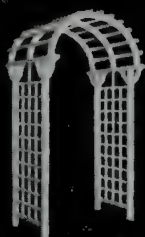
(Continued on page 184)



ENTRANCE
4 ft. wide, 7 ft. high. Style 35, painted one coat, \$31.50; fence, 5 ft. high, \$20 per 8-ft. section, ready to set in place



ENTRANCE
4 ft. wide, 8 ft. high. Style 14, painted 3 coats, \$24; with gate, \$40; 1 coat, \$21.60 with gate, \$36



ROSE ARBOR
4 ft. wide, 2 ft. 4 in. deep. Style 10, painted three coats, \$37.50; one coat, \$35.75



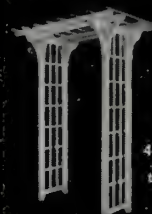
ROSE ARBOR
with seats, 8 ft. wide, 4 ft. deep. Style 20, painted three coats, \$95; one coat, \$35.50



TRELLIS
2 ft. 6 in. wide, 8 ft. high. Style 45, painted three coats, \$12; one coat, \$10.80



ROSE ARCH
4 ft. wide, 20 in. long. Style 15, painted three coats, \$28; one coat, \$25.20



ROSE ARCH
4 ft. wide, 20 in. long. Style 25, painted three coats, \$32.00; one coat, \$29.20

BEAUTIFY your home and garden

Your home deserves beautiful surroundings. Perhaps one of the attractive articles illustrated will add just the touch of beauty and charm your yard or garden needs.

As America's largest producers of quality garden equipment, we can quote unusually low prices. Prices shown are for cash, f.o.b. factory. You may order direct from this advertisement. Or send 30c for Catalog P 34, filled with suggestions.

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Your Lawn Needs Rolling Now!



AS the frost leaves and opens cracks in the ground, it exposes the tender roots and retards the proper growth of lawn grasses. Light, successive rollings at this season of year firmly imbed the earth around these roots and conserve the moisture. Rolling now is quite necessary to obtain that smooth, velvety turf later in the season.

The Coldwell Model "L" Dependable Motor Lawn Mower and Roller mows and rolls six acres a day on one gallon of gasoline. When equipped with the new detachable gang units, its capacity is more than doubled for cutting the large open stretches of comparatively level lawn. Units can be quickly detached for close work around trees and shrubbery. No hand mowers are required. Units can be attached to any Model "L" Mower now in service. More detailed information upon request.

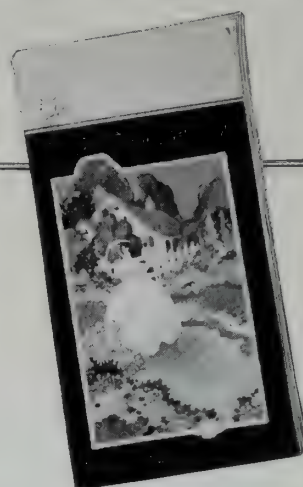
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The Key To Shirley Ann's Garden Secret



Whatever you do, or don't do, send for this Catalog before you do another thing.

SHE gave it to us. And now we are giving it to you. Giving it to you in this delightful, colorful, treasure-filled catalog of ours.

In its pages you will find among other treasures, all the things that have so long made Shirley Ann's Garden the envy of neighbors and friends.

At the very start are two double pages telling you the particulars about Shirley Ann's Treasure Box, which in spite of the much it contains, sells for so little as

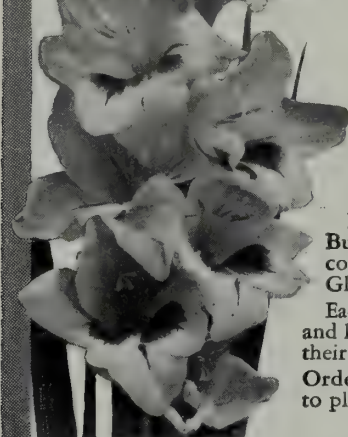
\$5. postpaid. Which price, mind you, includes a Shaker Shaker and enough Shaker Grass Seed to sow 100 square feet.

We should charge at least a dollar more for it. But as one garden lover to another, we will send both the Treasure Box and Shaker for the \$5. postpaid to anywhere east of the Mississippi.

The Treasure Boxes are all packed ready for sending to you at once. I'll attend to its sending myself, to make sure there are no delays. Send your check, a money order, a \$5. bill, or stamps.

Julius Roehrs Co
At The Sign of The Tree
Box 60 Rutherford N.J.

A Garden Full of Gladioli for \$2.00



The Gladiolus is one of the most satisfactory flowers grown and there is no reason why every family cannot enjoy this grand flower—it is as easy to grow as the potato.

Bloom from July to frost if you plant a few bulbs each month from April to July.

For TWO DOLLARS we will send 50 Bulbs of our Grand Prize Mixture, which covers every conceivable shade in the Gladiolus kingdom.

Each year we sell thousands of these bulbs and have received numerous testimonials as to their merits.

Order Your Bulbs Now so as to have them to plant when you begin making your garden.

Simple cultural directions in package

Mail this advertisement, or present at our store, with Check, Money Order, Cash or Stamps, and secure this splendid collection, sent prepaid to any point in the U. S. east of the Mississippi. For points West and Canada add 25c—(\$2.25)

Our 1925 Spring Seed Annual sent on request

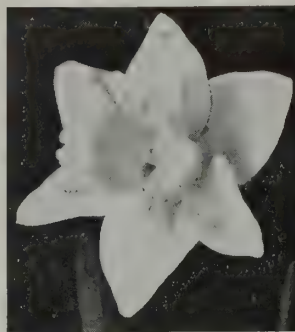
Stumpp & Walter Co

30-32 Barclay St.,

H.

New York City

The natural beauties of the wildwood may be part and parcel of the



Lawler's Victoria

- COUNTRY ESTATE
- CITY GARDEN
- SMALL LOT LAWN

FILL YOUR POCKETS with Lawler's American-grown Narcissus bulbs. Take a spade with you. As you walk about, select moist spots which the sun reaches. Lift the soil with the spade.

—drop in a few bulbs, cover well and pat down firmly with spade or foot. The very first spring after planting, your estate, city garden or lawn, will be bright with the golden glory of these lovely flowers—the natural beauties of the wildwood will be yours. Lawler's bulbs are acclimated—hardy—stand freezing as well as trees or shrubs—increase from year to year—form colonies.

The kind to select

Four varieties are recommended: Lawler's Victoria—large, creamy-white petals with broad, beautifully flanged yellow trumpet, \$1.00 per dozen, \$7.50 per hundred, \$65.00 per thousand. Lawler's Sir Watkin—pale yellow petals, four inches across and a bright yellow cup, frequently tinged near the mouth with orange, \$1.00 per dozen, \$7.50 per hundred, \$65.00 per thousand. Lawler's Conspicuous—refined, soft, yellow petals with a wide-mouthed yellow cup rimmed with orange-scarlet, 75¢ per dozen, \$6.00 per hundred, \$45.00 per thousand. Lawler's Recurvus—Poet's Narcissus—small white flower with brilliant red eye, 50¢ per dozen, \$4.00 per hundred, \$30.00 per thousand. Parcel Post or Express additional—add 20% for transportation.

Why Lawler's Bulbs

The George Lawler Gardens, at Garden ville, Tacoma, Washington, are a Pacific Northwest show place. The August Garden Magazine paid Lawler's American grown bulbs a beautiful editorial tribute. Orders are being accepted now for shipment later this summer—for September planting. Bulbs are dug and cured only for orders actually on file. If you would obtain Lawler's American-grown superior quality bulbs, send in your order at once. Volume of business that will be accepted is limited. Delay in ordering means disappointment. No order under \$2.50 accepted. Orders handled in the order received. Address George Lawler, Gardenville, Tacoma, Washington. His catalog featuring more than a hundred varieties American-grown bulbs, on request.



The finest in the land! DELPHINIUMS

My Inimitable Hybrid Delphiniums (prize-winners at all great American Flower Shows) are acknowledged by the greatest judges to be the finest in the land, and they are quickly finding a place in the best of our American gardens. They are fully described in my new 1925 catalog, which is free for the asking.

—and ROSES

I have listed only the best—good hardy varieties of free-blooming habit. I make a special feature of "my choice of the best twelve for \$10.00"—all 2-year field-grown plants.

Write today for my new catalog of Hardy Perennials and Roses, beautifully illustrated; it will acquaint you with many rare plants and the choicest American Roses, that will aid in making your garden more beautiful than ever.

William C. Duckham

Rose and Hardy Plant Specialist

Madison (Box H) New Jersey

Bobbink & Atkins

Visit
Nursery



Ask for
Catalog

ROSES

SPRING PLANTING

An illustrated complete list of Roses is now ready to mail. Many Roses are beautifully portrayed in color, among them are new and unusually attractive varieties. This list of Roses is the most complete and unique ever published. We have several hundred thousand rose plants ready to ship. Your choice can be made from this list.

ORIENTAL POPPIES (Papaver Orientale)

In our collection of Hardy Perennial Plants, we have a selection of Oriental Poppies. The colors range from pure white to delicate pink, and from old rose to brilliant scarlet and the richest crimson.

Atrosanguinea maxima —Large dark red	King George —Bright scarlet
Brightness —Bright orange-scarlet	Mrs. Perry —Salmon pink
E. A. Bowles —Shade of apricot	Oriflamme —Orange-scarlet red
Enfield Beauty —Rich salmon, maroon base	Perry's Blush —Blush white
Gerald Perry —Apricot pink, crimson blotches	Perry's White —Pure satiny white
Grossfurst —Dark red, with crimson blotches	Princess Victoria Louise —Salmon
	Royal Scarlet —Richest scarlet

.35 each, Collection of Thirteen Varieties \$3.50

Hardy Herbaceous Plants

A catalog of Old-fashioned Flowers, Hardy Chrysanthemums, Delphiniums, Trollius, Astilbes, New Anchusas, Japanese Anemones, New Heucheras, Phlox, Hardy Asters, Rock Garden Plants in large variety. Beautifully illustrated in color and black. There is an alphabetical table, indicating Flowering Period, Height and Color.

EVERGREENS, TREES, SHRUBS and VINES

In your request for catalog, it is important to state definitely what you intend to plant

BOBBINK & ATKINS

RUTHERFORD, NEW JERSEY

Nurserymen & Florists

THE MILBRADT POWER LAWN MOWER



Cuts four to six acres of grass per day.
Cuts large open spaces rapidly—cuts close places, around trees and bushes without trimming.
Engine drives both traction roller and cutting knives, but either can be operated separately by control through two switches.
Very sturdily built, but light in weight so that a 12 year old boy can run it with ease.

Write for catalog and proposition.

MILBRADT MANUFACTURING CO.

Established 1895

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Perfect Drives! quickly obtained ~ easily maintained

The perfect driveway is readily obtained and easily maintained by the use of Solvay Calcium Chloride, a clean, white, deliquescent, chemical salt which has the peculiar property of attracting moisture to itself, and quickly combining with the surface to which it is applied.

While absolutely odorless, and harmless to rubber tires and shoes, horses' hoofs, clothing, etc., Solvay Calcium Chloride is a sure destroyer of weeds as well as a perfect surface binder and dust preventive. It will not track or stain.

Tennis courts, too, are made faster, better!

Solvay is ideal for tennis courts—prevents dust and weeds, keeps the court hard and resilient and relieves sun glare.

Packed in air-tight steel drums, Solvay comes all ready to apply; a shovel is all you need to do the work properly.

Write today for booklet 1302


THE SOLVAY PROCESS COMPANY

Wing & Evans, Inc., Sales Department
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SOLVAY CALCIUM CHLORIDE



Gorgeous Dahlias



No other flower has attracted such world-wide attention in recent years as the Dahlia, and justly so. There is no comparison between the old varieties of our grandmother's gardens and the marvelous creations of today. The improvement in color, form and size is almost unbelievable.

40 BLOOMS on a single Plant

The Illustration Shows Our Gorgeous "Orange King"

FREE Beautifully Illustrated Catalog and Cultural Guide

Many people have been disappointed in trying to grow dahlias because of their failure to get flowers after having grown a large bush. Our free book tells you the cause and the remedy and many other instructions of interest, such as how to disbud, fertilize, and general treatment that will help you grow Dahlias better than your neighbor and with least possible effort. Write today—a post card will do.

Missouri Dahlia Farm Co., Inc.
Largest Growers of Dahlias West of New York
R. R. 14, Box 108A, St. Louis, Mo.

Special Offer

We will send you our special selection of 7 assorted Dahlia bulbs, fine varieties, \$5.00 value—and will add one "Orange King" free of charge. 8 bulbs in all for

Parcel Post Paid **\$5.00**

It's easy now to Be Your Own Tree Surgeon



Up to now, competent tree surgeons have been expensive to employ—yet, in the long run, they were profitable investments. A bearing fruit tree is worth many dollars per year, shade trees are almost "priceless".

Today tree repair work is as easy as making a willow whistle. A few minutes work, plus \$2 or \$3 worth of material and simple tools will enable you to save thousands of dollars worth of trees.

You, your "Junior" if he is of boy scout age, or your gardener, can do the repair work—and call it fun. You can do it easily and quickly with

At the left—An old unsightly wound through which decay is eating steadily into the sound heart wood.

At the right—The same wound cleaned out, filled and coated with Newbark. Besides saving the tree it greatly improves its appearance.

Newbark—a natural tree salve, is an antiseptic, plastic preparation quickly applied, to protect all wounds of bark or limb. It kills and keeps out germ infections, parasites, insects, fungus growths, and tree diseases. It prevents disfigurement, decay and death of trees. Highly recommended for tree surgery and repair work. Stays plastic. Will not crack. Satisfaction guaranteed.

Newbark

Plastic Tree-saver

A tree may be ruined by the ravishes of rabbits, mice, ice, bruises of a lawn mower, a horse plow or careless man, insects, rot producing fungi, or loads of fruit.

Only a small patch of the bark or branch may be ripped off—a trifling matter? But when the bark is removed and the clean, bare white wood is exposed, this wood dries out quickly and cracks will form, fungus will enter. In the course of time there stands a tree with a hollow heart. Insects find refuge in it. Winds blow spores of rot and bacteria into the crevices. Rains come and in the dark, damp space within, ideal environment exists for the incubation of wood destroying fungi, which may spread to the rest of your trees.

Apply Newbark Immediately to Injured Trees. Nature immediately tries to heal every wound a tree receives. If the wounds are protected with Newbark, it will soon provide its own suitable covering and in time will be permanently sealed by the new growth of bark—and the plastic Newbark will be forced out as it heals.

Write for Free Booklet

—"Renew the life of wounded, decayed trees" written by one of the foremost arboriculturists. Tells you all about tree ailments and how to easily heal them—also the interesting details of Newbark. Don't delay. Write today. An ounce of Newbark now is better than a bag of cement next year.

The name of your dealer will be appreciated.

COUPON

Send me information on Newbark.

I own.....trees.

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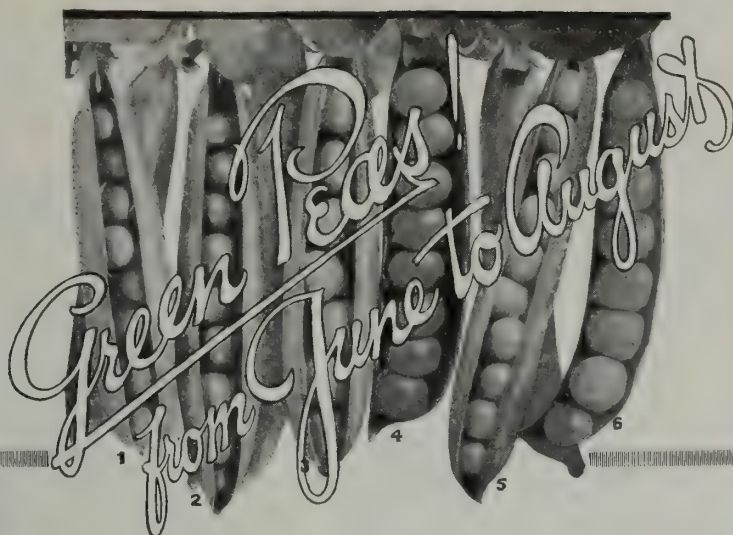
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The Newbark Company 4-10 Orchard Rd., Clinton, N.Y.



Do You Know This Secret?

A bountiful succession of this toothsome delicacy is yours if you follow these simple directions.

Plant this collection of 6 choice varieties *all at once* this Spring, just as soon as the frost is out of the ground—and they will mature in the order named—producing a steady procession of big, mouth-watering crops from about June 20th till late in August.

The Reason for this is evident. Peas must develop their roots in cool weather and so are able to supply sufficient moisture to leaf, flower and pod, as they rapidly multiply under the summer sun. On the other hand late planted peas are almost always a disappointment, as every experienced gardener has reason to know.

Schling's Long Season Pea Collection

1. **Schling's Pedigree Extra-Early**
2½ feet. The earliest Pea grown; large, well-filled pods.
2. **Gradus, or Prosperity**
3 feet. An early fine wrinkled Pea of delicious flavour.
3. **Sutton's Excelsior**
1½ feet. The most productive of dwarf medium-early wrinkled Peas. Very sweet.
4. **Dwarf Champion**
2½ feet. An enormous cropper. Broad pods, very sweet Peas.
5. **Improved Telephone**
5 ft. Enormous pods, filled with Peas of the finest quality.
6. **Heroine**
4 ft. Pods are large, deep green, somewhat curved; tender Peas of finest quality.

Special Offer

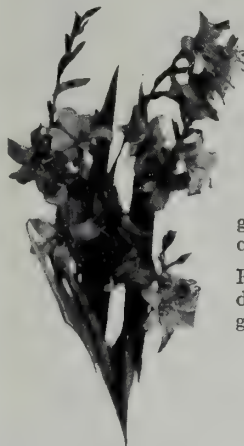
- ½ lb. each of all 6 varieties, 3 lbs. in all.....\$1.75
- 1 lb. each of all six varieties, 6 lbs. in all.....2.75
- 2 lbs. each of all six varieties, 12 lbs. in all.....5.00

Free delivery within 300 miles of N. Y.; beyond, add 5 cents per lb. for postage

No garden is too small for peas—insure yourself a real treat by ordering today.

And here are Two Delightful Rarities for Your Flower Garden—

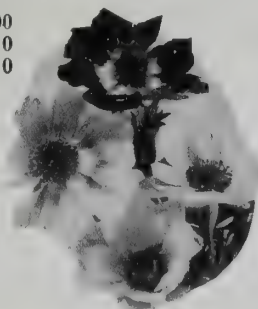
Montbretias



Whose flower clusters in exquisite pastel shades ranging from pale yellow to deep orange hung like golden stars on long slender, wiry stems have all the airy grace and ethereal beauty of the orchid odontoglossum. Perfect for indoor arrangement and a striking note of color in the flower garden when massed closely together in clumps of 25 to 35.

Plant the bulbs in April and May 3 inches deep and enjoy them all season—Easily grown.

25 Bulbs—\$3.00
50 for \$5.50
100 for \$10.00



Another Rare Opportunity—The Giant, French Poppy Anemone

Marvelous poppy-like flowers in the wonderful color combinations only to be found in this variety. Blues with white bases; Pink with blue bases; Cream and Apricot shades in endless profusion. Truly a gem of the first water! Plant bulbs in May 3 inches deep.

25 bulbs for \$3.00
50 bulbs for \$5.50
100 bulbs for \$10.00

618 Madison Avenue
Near 59th St.

Schling's Seeds NEW YORK CITY

P. S. our "BOOK FOR GARDEN LOVERS"—Free with order or 25¢ a copy

WOODS USED in ENGLISH FURNITURE

(Continued from page 182)

Generally used for sides and bottoms of drawers, and insides of cupboards. Its smell acts as a deterrent to moths and wood-beetles. Wardrobes are sometimes lined with it, on this account.

CHERRY

Common to British Isles. Used for furniture panels and chairs in seventeenth and eighteenth centuries. Known as "fruit wood." Pale pink with yellow sap. Resembles mahogany, when old.

CHESTNUT

Native of Southern Europe, Asia and North Africa. When figured, Chestnut was extensively used in the veneering of furniture. Age turns Chestnut to a reddish-brown, and, in old furniture, it is frequently mistaken for mahogany or walnut. Many of the Restoration chairs were made from Chestnut, and pass for walnut at the present day. The difference is difficult to detect in small surfaces.

EBONY

The variety known as Streaked Ebony, or Coromandel, was used in furniture of the seventeenth and eighteenth centuries, but nearly always in veneers. Many of the seventeenth-century oak cases of long-case and bracket clocks were veneered with ebony, sometimes with mouldings from the solid wood, but more often from pear-tree stained black. The wood varies from a black streaked rich brown to a dense black.

ELM

A rough, strong timber, sometimes used for seats of chairs of the Windsor type. Never used otherwise for furniture.

FIR

Native of Central and Southern Europe. Wood white, soft, and easily worked. Used for sounding-boards of pianos, etc.

HOLLY

An evergreen, native of Britain and Europe. Wood yellow-white, hard and heavy. Generally used in furniture in form of inlaying lines.

KINGWOOD

A native of Brazil. It is sometimes known as American Ebony, or bois-violet. It is somewhat lighter in colour than rosewood and more strongly marked. It is generally used in cross-cut veneers, and usually for bandings, although some rare pieces of Queen Anne cabinet work are to be found entirely veneered with this wood.

LABURNUM

Native of Europe. Heart-wood dark brown, sap yellow. Generally used in "oyster-pieces" for veneering of late seventeenth and eighteenth century furniture.

LIME

A white soft wood, easy to work and with very little cross-grain. Much used during the later seventeenth and eighteenth centuries for applied carvings of the Grinling Gibbons school.

MAHOGANY

There are many varieties of this wood used at the present day, imported from America, East and West Africa, Cey-

lon, etc. The wood itself is too known to need a description. There are many bastard varieties, but the mahogany, such as was so extensively used in the eighteenth century, is a habitat between lat. 10° and 23° north. Included in these parallels are Cuba, San Domingo, and Jamaica towards the northern-most part (40' and 23° 10') Mexico and duras. The finest Mahogany, as was used in the early eighteenth century, is the San Domingo, or Spanish, but this, in trees of any growth, is almost extinct. It is reddish, very hard and heavy, and practical without figure. That from Honduras has the "plum-pudding," "ocean," "fiddle-back" figure. The curl of mahogany is obtained from the joints of the huge branches with the trunk.

The trunk, in common with other woods, has to be cut at a particular angle to produce figured planks. As a furniture wood it is unrivalled. No wood possesses so desirable qualities in the one tree. The following reasons for its high position as a furniture wood may be cited:

1. Supplies are plentiful.
2. It is not unreasonably expensive.
3. Boards are procurable in great widths with little or no sap, and the timber is comparatively free from shakes and similar imperfections.
4. It is not difficult to season and, when properly conditioned, furniture wood will stand better.
5. It is not difficult to work. It takes well on flat or end joint and takes a high polish.
6. The grain is close, especially the Cuba varieties.
7. It can be procured either plain for carcass and interior work, or magnificently figured.
8. Fine mahogany improves in colour with age.

Mahogany appears to have been first used for furniture, in England, between 1725 and 1730. It is recorded that Cortez, between 1521 and 1540, used it in the construction of his ships, and it is said (the evidence not reliable, however) that Gillette of Lancaster imported the wood between 1640 and 1650.

The name "mahogany" is probably derived from the Aztec. It has undoubtedly been used, in Central America, for centuries.

MAPLE

A whitewood, much used for inlaying by marqueterie workers. The well-known "bird's eye" Maple, which is extensively employed in panelling, is especially for interior work in the wood of the North American Sugar Maple.

OAK

Brown Oak is the heart-wood of the British Oak, which, owing to the conditions, assumes a rich brown colour. Wainscot Oak is the name given to English Oak when radially cut. Bog Oak is wood of ordinary growth which by being buried in peat turns nearly black. It is rarely used.

(Continued on page 18)

WORLD'S BEST DAHLIAS

100 Acres of them. We are the largest Dahlia growers in the World; an enviable position, made possible only by the appreciation of our superior stock by satisfied customers.

Send for our catalogue showing the World's largest and best Autumn shade Dahlias.

RODMAN WANAMAKER "

(Last year grew 13 inches in N. J.; 12½ inches in California; 11 to 12 inches everywhere) and 13 other varieties in natural colors.

The leading American Dahlia catalogue, telling the plain truth about nearly 600 of the World's best varieties.

Address

Peacock Dahlia Farms

Williamstown Junction

Post Office Box A Berlin, N. J.



Oil Jar made in unglazed buff or blue, or buff with turquoise glaze drip. Approximate height 26 inches.

ROOKWOOD

TILES AND POTTERY

THE ROOKWOOD POTTERY COMPANY
Rookwood Place, Cincinnati, Ohio

Flowers by wire to all the world

A cable from London told an American business man that his only daughter had presented him with a grandson. A phone call to Max Schling and—six hours later—flowers brought greetings and good wishes from grandfather to the young mother 3000 miles away.

What was it? A miracle?

Fiddlesticks!

It was Max Schling Service!

The same man a few weeks previous tried florist after florist to place an order in Sydney. Finally he called on Max Schling. The flowers were delivered in Sydney as soon as cables and telegrams carried directions to the Australian representative.

What was it? A miracle?

Piffle!

It was Max Schling Service!

No matter where—no matter how far—no matter how difficult a problem you have—call, and if we give you service, charging you only the cost of cable or wire, then as a reward, give us your orders for our own city—New York.

In New York we put one of the largest organizations in the floral industry at your service. Outside of New York, our orders are taken care of everywhere through bonded representatives—3000 members of our organization, who act immediately on receipt of our telegraphic instructions.

You may place your order with us for any city in the United States or Canada, or anywhere on the continent, and we guarantee service.

We are New York Members of the Florists' Telegraph Delivery Association.

MAX SCHLING
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785 Fifth Ave., New York, N. Y.

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DAVEY Tree Surgeons

are local to you

Every real Davey Tree Surgeon is in the employ of The Davey Tree Expert Company, Inc., and the public is cautioned against those falsely representing themselves.

Without cost or obligation on your part, we will be glad to have our local representative examine your trees and advise you as to their condition and needs.

Scissors out this ad and attach to your letter-head. Mail today.

**Save your
trees!**

THE DAVEY TREE EXPERT CO., INC.
13 City Bank Building, Kent, Ohio



Standard
Wren House
\$1.00
EACH
Delivered

Decorate your Grounds with Bird Houses

Four or five bird houses—snuggled in foliage, swung beneath eaves, perched on pergolas, or secured to walls—add an artistic touch of rustic beauty to any grounds.

And, of course, they serve as homes for an interesting colony of little feathered friends.

Build these houses yourself with convenient, notched LINCOLN LOGS, according to many designs. Buy now—birds are choosing their summer homes.

See your dealer or send coupon to

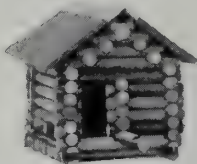
JOHN LLOYD WRIGHT, Inc.
232 East Erie Street, Chicago

JOHN LLOYD WRIGHT, Inc.,
Room 153, 232 E. Erie St., Chicago

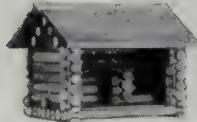
I enclose payment for items ordered below with understanding money will be refunded if not satisfactory:

- Standard Wren Houses, delivered, each \$1.00
- Special Equipments for bolting Wren Houses instead of nailing25
- Lincoln Log Bird Sets, for building models shown to the right side or others in design book each 3.00
- Bird House Outfits—one Standard Wren House with Special Equipment and one Lincoln Log Bird Set each outfit 4.00
- Lincoln Playhouse Complete each 50.00

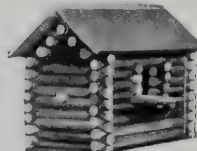
Name
Street
City State



Here is a bird house with a regular "front door."



This shelter has the wide side opening which the Robin demands.

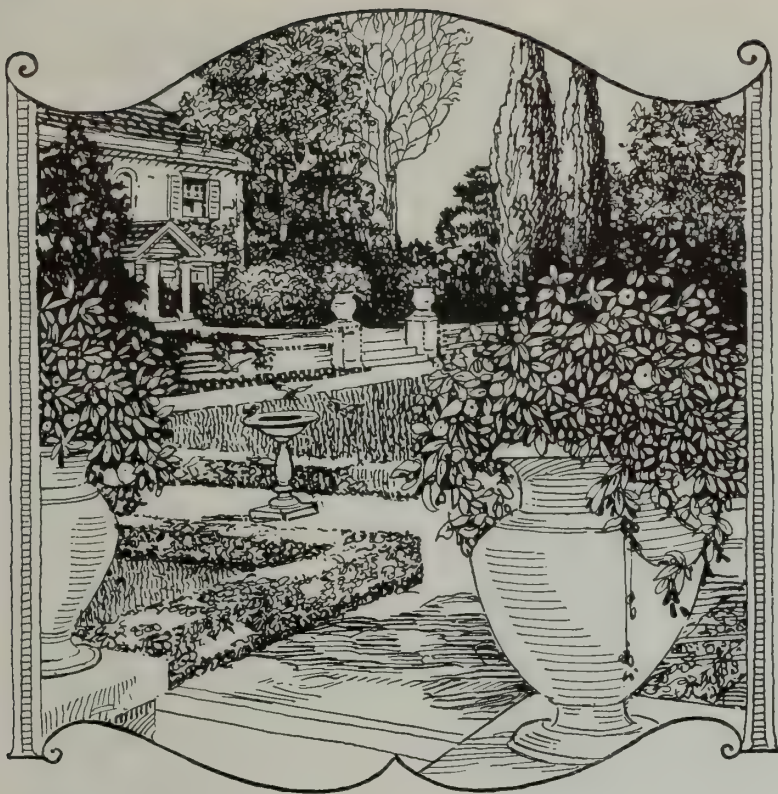


The "Bungalow" is a most popular lure for the bird lover.

The houses shown above can be made from the LINCOLN LOG BIRD SET \$3



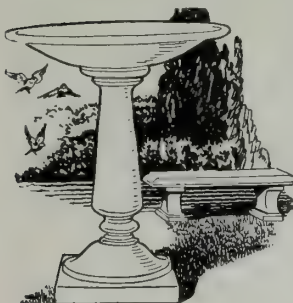
Lincoln Playhouses—large enough for children to play in—so simple that children can build and take them down and rebuild. Write for full description.



The Touch That Is Needed

Maybe it is just an urn—maybe it is a fountain—possibly something else, but somewhere around your grounds a touch here or an addition there may be needed to set them off to the best advantage. Urns, bird baths, benches, tables, flower boxes, fountains—203 articles, made of beautiful and enduring Art Stone, offer a wide choice for just the thing you want, to add the touch that is needed.

Here is a porch urn at \$5.40 that is a little gem. This particular one is only a foot across and nine inches high; but there are seventy other urns and vases to choose from.



More and more bird baths are being bought each year and no wonder they are popular. They are not only a beautiful addition to the lawn but they bring the feathered guests as nothing else does. This is one of our most popular models at \$18.00, though there are ten others ranging in price from \$4.50 to \$45.00.

Other things you will find—benches, seats, tables—all the way up to majestic fountains, which often enhance the effect of a landscape effort as nothing else can do. You will find them listed from \$75.00 to \$850.00.

Send for our beautiful illustrated catalog, showing articles of Art Stone and giving you many suggestions for increasing the beauty and usefulness of your grounds. A dime, or ten cents in stamps, will bring it.



ARCHITECTURAL DECORATING COMPANY
1610 South Jefferson Street, Chicago, Illinois

ARCHITECTURAL DECORATING CO.
1610 South Jefferson Street, Chicago, Ill.

I am interested in getting your suggestions for improving the appearance of my grounds. Enclosed is ten cents for which please send your catalog.

Name

City

Street

State

WOODS USED in ENGLISH FURNITURE

(Continued from page 186)

Red Oak is the American Oak used for furniture of the commoner class.

OLIVE-WOOD

This wood takes a beautiful polish, with oil and continual friction. It is of a greenish-yellow, with black cloudy spots and veins. Olive-wood was frequently used for veneering the fronts of the later long-case clocks of the eighteenth century.

PADOUK

A native of Burma. It is somewhat lighter in color than rosewood, and more strongly tinged with red. The grain is very similar, but has a peculiar silkiness of texture. Padouk is very hard and heavy. It appears to have been first imported into England about 1730. Occasionally pieces of the early and middle Chippendale periods are found made entirely from this wood. Its toughness admits of delicate fret-cutting, impossible in mahogany.

PEAR

Yellow to brown; hard and durable. Without figure; used for clock cases and small furniture. When stained black, and polished, it resembles ebony. Capable of being worked to very fine moulding sections. Occasionally used for applied carving, as in the "Clifford's Inn Room" at the Victoria and Albert Museum.

PINE

Native of North and Central Europe. Known and imported from Northern Europe under names of Red and Yellow Deal, and much used for wall-panellings in the eighteenth century. When Red Deal has been painted for many years, and the paint is removed, it shows a color something between pear and cedar. It is distinctly an ornamental wood, whereas Pine is not. It is fairly resinous and prone to knotting, but works well. The fine Memel Red Deal is now practically unobtainable.

PLANE

A hybrid. Timber reddish or yellowish in tone, close, and fairly hard. When radially cut it shows a strong and pretty figure. It is then known as "lace-wood." Much used for veneering and inlaying during the latter part of the eighteenth century. Closely related to the Sycamore.

PURPLE WOOD, OR PURPLE HEART

Native of British Guiana. Wood very hard and heavy, or purple tint when freshly planed, but rapidly turns brown on exposure. Rarely found solid in English furniture; generally used as bandings or cockbeads on satinwood furniture.

ROSEWOOD

An extended description of Rosewood is unnecessary as it was sparingly used, even in the eighteenth century, other than in form of bandings, veneers, or inlay. It is exceedingly hard, dark reddish-brown, with dark streaks, close and even grain. It is difficult to saw, and when freshly cut has an agreeable aromatic odour.

SATINWOOD

Hard, yellow wood, of fine grain, lustre, and flowered figure. It was extensively used for furniture during the latter part of the eighteenth century.

SNAKE-WOOD

The wood is generally used in veneer for inlaying and banding. It is of a dark yellow color, with serrated markings of a deep brown. Snake-wood only found in the cabinet work of very late eighteenth century.

SYCAMORE

Wood is white or slightly yellow, often with a ripple figure. Used backs of violins and furniture interiors. When stained to a grey color with oxide of iron, it is commonly known as "harewood" or "eyewood."

TEAK

The name is used for two kinds of timber. One is known as Indian, other as African Teak. The timber of both is very similar, reddish-brown in color, strong and durable in texture, and with a greasy appearance when freshly planed. Teak is usually polished, as it has a very disagreeable odor in the natural state. When polished without staining, it is of a dark brown color.

TULIP

The wood is yellowish-brown with longitudinal striplings of a pinkish-red. It is usually cut across the grain and used for cross-bandings. It is seldom employed except for inlaying or friezing. The tulip-tree is a native of Brazil.

WALNUT

English and American Walnut. English walnut is a native of mountainous regions of Caucasus and Himalayas. Introduced in England late sixteenth century. Much used for chairs during the last half of the seventeenth and for furniture in the early part of the eighteenth century. Wood medium hardness and weight. Light brown in color and takes a good polish. Often finely figured in butt, when it is usually cut into veneers. Saplings are also cut across the grain and used as "oyster-pieces." American walnut, a native of Eastern United States. Often known as Black Walnut. Wood harder, darker, and redder than English Walnut and not so well marked. Never used in the eighteenth century or earlier. Other varieties of Walnut; French and Ancona, or Italian. Both are lighter in shade than English Walnut, and are rarely figured.

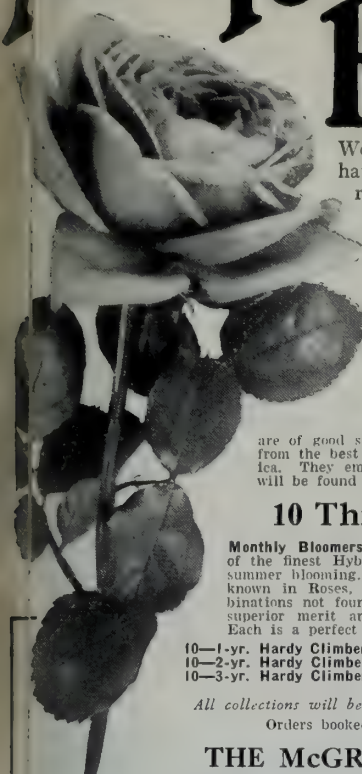
YEW

Wood rich red-brown, sapwood yellow. Very hard, close, and elastic. Works with smooth surface and takes a good friction polish. Extensively used for framings and legs of Windsor chairs of the hooped-back type. Frequently pollarded in the eighteenth century and used in burr veneers. It was the Englishman's wood for longbows.

ZEBRA-WOOD

Native of Guiana. Sometimes known as pigeon-wood. Zebra-wood is usually of a tawny brown color with vivid stripes of very dark brown. It is generally cut into veneers, for cross-bandings. Occasionally some of the smaller pieces of the later Sheraton period are veneered entirely with the wood, but the effect is generally more striking than artistic.

A Garden of 10 Gorgeous Roses \$1.



Wonderful offer for Rose-lovers. You can have real Roses like the florists raise for a reasonable amount of money. All strong growers; many colors; richly fragrant.

10 One-Year Roses \$1.00

Monthly Bloomers—No words of praise can adequately convey the extreme beauty of this glorious collection of ten selected roses. The vigorous, healthy growth, profuseness of bloom, exquisite colorings and beautiful formation of the flowers make this an unrivalled offer.

10 Two-Year Roses \$3.00

Monthly Bloomers—The best bloomers for the garden are included in this collection. Plants are of good size and offer unusual value, having been selected from the best varieties that have come from Europe and America. They embrace all colors, will bloom all summer, and all will be found highly desirable.

10 Three-Year Size Roses \$5.00

Monthly Bloomers—In this collection we have grouped together 10 of the finest Hybrid Tea Garden Roses of the three-year size for summer blooming. Not only does the collection represent all colors known in Roses, but shows many beautiful shades and color combinations not found in the ordinary varieties. The collection is of superior merit and especially adapted to our climatic conditions. Each is a perfect gem in its particular color and form.

- 10—1-yr. Hardy Climbers or 10 Hardy June Roses \$1.00
- 10—2-yr. Hardy Climbers or 10 Hardy June Roses 3.00
- 10—3-yr. Hardy Climbers or 10 Hardy June Roses 5.00

Catalogue FREE!

All collections will be carefully packed and safe delivery is guaranteed. Orders booked now for delivery any time up to June 15th.

THE MCGREGOR BROS. COMPANY
Box 310 Springfield, Ohio U. S. A.
The Greatest Rose Producing Center in the World



Uncertainty Has No Place In The Modern Garden

TIME was when a ten-day Summer drought meant one of two things—either several hours a day spent at the tiresome, dirty job of watering with a hose—or else your lawn, borders and garden dried up from a lack of moisture.

But now, with the Skinner System you simply turn a valve and a gently penetrating RAIN reaches every corner of your garden—watering your growing things thoroughly and evenly. That's the modern, economical way.

We have just published a very interesting book called "RAIN" which tells you how modern methods have taken the uncertainty out of gardening. Whether you have a small city garden or a large estate you will find "RAIN" intensely interesting.

Send us your name today and we'll mail you a copy of this valuable book, free of charge.

The Skinner Irrigation Co.,
231 Water St., Troy, Ohio

SKINNER
SYSTEM
OF IRRIGATION

Make Two Blades of Grass Grow Where One Grew Before



The Green body and Red Painted Handle identify the genuine Dunham Water-Weight Roller.

As frost leaves the ground, the sod cracks and bulges. This separates the tender grass roots from the warm, nourishing soil. Light weight roller pressure will reset the roots and produce a firm, thick growth of sturdy grass, offering no foothold for weeds. Light pressure for early Spring and heavier weight for dryer days are both at your command with

DUNHAM WATER-WEIGHT ROLLERS

The best for your lawn, tennis court and golf greens. Merely by putting water or sand in the steel drum, the weight is easily regulated. Larger sizes supported on roller bearings for easy rolling.

The Dunham Roller is moderately priced and has almost entirely replaced the old, unwieldy cast iron and concrete rollers.

Your lawn needs rolling now. Order a Dunham Roller today.

Sold by leading Seed Houses, Hardware and Department Stores. If your dealer does not carry them, write to our nearest office. Send for booklet on "The Proper Care of Lawns."

DUNHAM LAWN ROLLER COMPANY

113 Chambers Street
New York, N. Y.

527 So. Dearborn St., Chicago, Ill.
268 Market St., San Francisco, Cal.

Office No. 21, Mount Royal Hotel,
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Japanese Anemones

RANK easily among the most brilliantly colored of all the perennials, especially those varieties in which the differently colored center petals and stamens contrast with the outer collar of petals. Not particular as to soil, easily grown in most any situation, flowering most profusely year after year, they will prove a revelation to planters not familiar with this charming group. Next fall we expect to introduce some lovely novelties but right now—

We Offer For Spring Delivery

	Three Plants	Dozen Plants
Anemone Alba—White with yellow center	\$.85	\$ 2.50
Queen Charlotte—Glorious, semi-double pink	.85	2.50
Whirlwind—Finest double white	.85	2.50

New Illustrated Catalog On Request The Finest Of The Year

Our wonderfully fine new catalog will introduce to you the largest collection in America of Hardy Perennials of proven merit. Old-fashioned hardy plants are our specialty and we grow those found worthy in larger quantities (millions) than has ever been attempted before in this country. Moreover, Wayside Gardens send out only field-grown plants of a quality that stands for assured success to the gardener. Please write for this fine catalog and mention this publication.



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Mentor, Ohio.
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If there were no work to garden-
ing, there would be no fun. But there
is a difference between work and
drudgery, and Planet Jr. Garden
Tools mean just this difference. A pair
of sharp hoes on an easy-rolling wheel
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And it means everything to you
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cultivating without the monotonous
grind of hand-hoeing and weeding.
Planet Jr. No. 17 Wheel Hoe reduces
hand-weeding to a minimum and
greatly increases your results. It saves
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Grow what you eat!



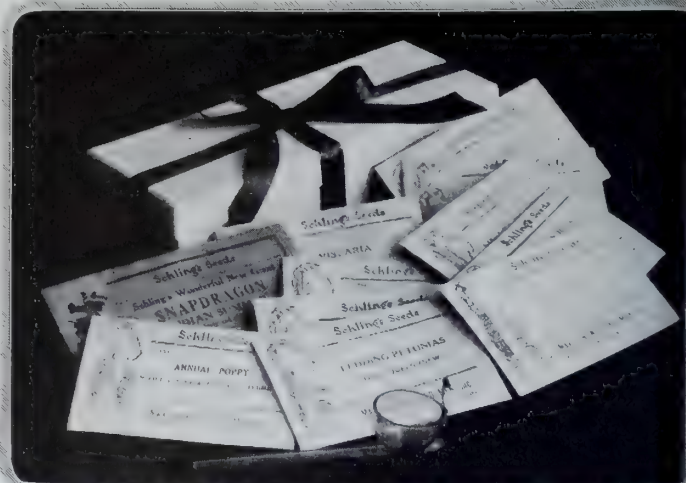
A new small seed sower has a pear-shaped outlet regulated by a spring which enables the planter to sow seeds with accuracy and economy. \$1.25

FLOWER COLLECTIONS

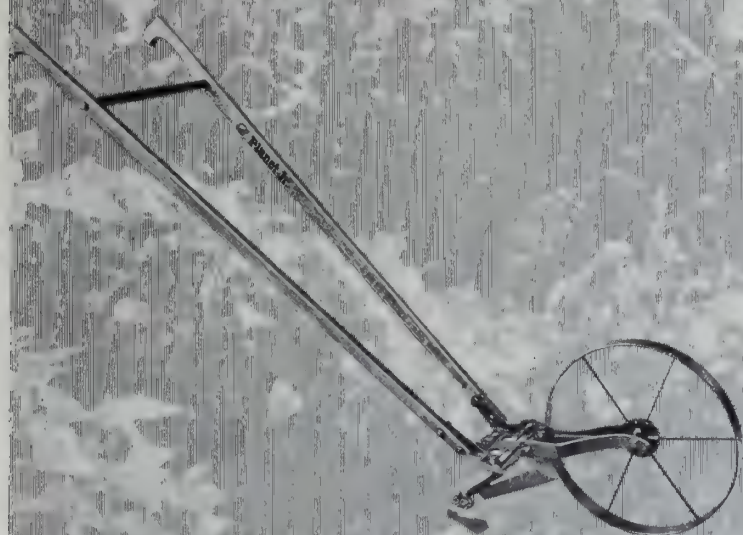
*Which may be purchased through the
House & Garden Shopping Service*



Above. A collection of fifty choicest Gladioli of modern giant flowering variety in assorted colors may be purchased for \$5.25. Or, if one is a rose enthusiast, six choice everblooming Hybrid Tea Roses are priced at \$6.75. In ordering kindly state choice of colors



Above is an interesting collection of annual flower seeds, containing new and rare varieties. An assortment of twenty varieties may be purchased for \$3.25 and thirty for \$5.25



Mrs. Calvin Coolidge

A WONDERFUL new hardy garden rose, should be in every garden. Color deep golden yellow, which deepens to orange as the flower develops. Extra strong fieldgrown plants, 2 yr. old, \$1.50 each, \$15.00 per dozen; strong 1 yr. old fieldgrown plants, \$1.00 each, \$10.00 per dozen. Postpaid on receipt of above prices. For complete list of Roses, see our Nursery list mailed on application.



Abelia Grandiflora

A BEAUTIFUL small shrub, almost evergreen, the flowers of which resemble or suggest the trailing Aritutus; is of graceful habit. It has small green, glossy leaves, turning to a bronze towards Fall. The flowers are white, tubular-shaped, which are produced along the branches in abundance from early Summer until Fall.

Strong plants from ground 50c each, \$5.00 per dozen. Mailed free at above prices.

R. PIERSON
TRYTOWN · NEW YORK

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Delightful Shrubs for Foundation Plantings

Some deciduous, others evergreen—all clothed in wonderful fall coloring. Myriads of white or pink apple-like blossoms in May, followed in fall by a wealth of showy black or red (mostly red) fruits which persist till late winter or early spring.

C. divaricata. Showiest; bright red fruits all winter.

C. horizontalis, *C. rotundifolia* and *C. microphylla*. Prostrate evergreens, glossy leaves; red berries; desirable for trailing over walls and rockeries.

May we send you further information about these charming shrubs? Write us today.

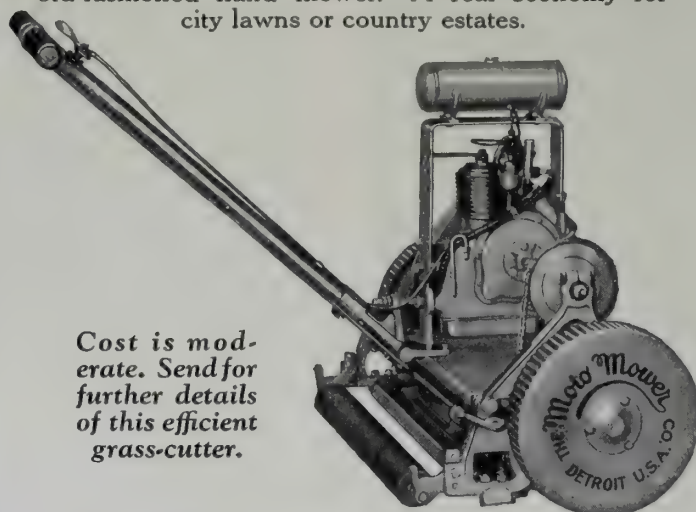
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BETTER LAWNS AT LESS COST

Moto-Mower Saves Time and Labor; Handles Easily

Moto-Mower is the capable power grass-cutter that finishes the job in one-fourth to one-fifth the time. Starts, stops and turns on own power, by rotating rubber grips on handle. Economical in gasoline and maintenance. Cuts grass closer, more evenly than old-fashioned hand mower. A real economy for city lawns or country estates.



Cost is moderate. Send for further details of this efficient grass-cutter.

THE MOTO-MOWER COMPANY

3247 Woodbridge Street

Detroit, Michigan

Cotoneasters

Delightful Shrubs for Foundation Plantings

Some deciduous, others evergreen—all clothed in wonderful fall coloring. Myriads of white or pink apple-like blossoms in May, followed in fall by a wealth of showy black or red (mostly red) fruits which persist till late winter or early spring.

C. divaricata. Showiest; bright red fruits all winter.

C. horizontalis, *C. rotundifolia* and *C. microphylla*. Prostrate evergreens, glossy leaves; red berries; desirable for trailing over walls and rockeries.

May we send you further information about these charming shrubs? Write us today.

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Protect and Beautify your Lawn

IF your lawn is effectively fenced you can have nice grass, flowers and shrubs unmolested. Moreover an inclosed lawn is the ideal place for your children, where they can play, safe from speeding automobiles, fighting dogs, even safe from undesirable playmates.

Pittsburgh Perfect Lawn Fences give full measure of protection, and because of their neat and distinctive designs they enhance the appearance of any lawn. The many closely spaced wires bar chickens and keep the fences always trim and erect. **Super-Zincd** rust protection assures great durability.

Our new booklet illustrates the advantages and popularity of inclosed lawns. Be sure to get a copy; mailed **FREE** upon request.

Pittsburgh Steel Co.

752 Union Trust Building

Pittsburgh, Pa.

Gentlemen: Please send me, **FREE**, Your Booklet "Lawn Fences That Protect and Beautify".

Name

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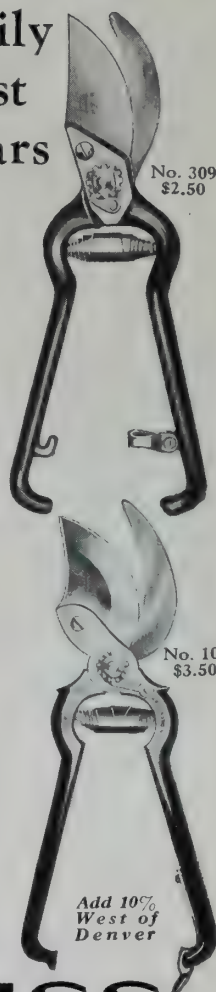
Cut Easily and Last for Years

Fine materials, expert workmanship, and convenience distinguish **Wiss Pruning Shears**. They cut easier and last longer than ordinary shears selling at the same price. Be sure to ask for **WISS**.

No. 309. A new pattern, hammer forged, and tempered to hold its edge a long time. Unbreakable frame, non-pinching handles. Blade removable for sharpening or replacement. \$2.50.

No. 109. Frame made of drop forged steel, with blades of finest cutlery steel. Outlasts a dozen ordinary pruners, and cuts easily through heavy branches. Blade removable for sharpening or replacement. \$3.50.

J. Wiss & Sons Co., Newark, N. J.



Add 10% West of Denver

WISS
Wonderful Cutters

A Garden Full of Dahlias for \$3.50



New and Rare Exhibition Dahlias

Few flowers, whether used for garden decoration or principally for cut blooms to decorate the home, are as responsive to simple garden culture as our Modern Dahlia. It has made wonderful advancement in size of bloom, habit of growth and profuse blooming qualities.

In order to further its now great popularity, we are offering this collection of

12 Dahlia Tubers for \$3.50

—one each of 12 distinct varieties, not labeled, which if purchased separately according to name would cost not less than \$10.00.

Order Your Tubers Now so as to have them ready to plant any time after the tenth of May or when all danger of frost is past.

Mail this advertisement, or present at our store, with check, money order, cash or stamps, and secure this exceptional collection, sent prepaid to any point in the United States.

Our 1925 Spring Seed Annual sent on request

Stumpp & Walter Co

30-32 Barclay St.,

H.

New York City

FOR THE GARDEN SCRAP-BOOK

IN GARDEN books and periodicals one frequently comes the phrase, "as early in the spring as the soil can be worked."

At first thought it might seem that this means the first time on which the frost has retreated sufficiently to permit a spade to be thrust into the earth. In actual gardening practice, however, the significance of the expression is not that. It would be less leading to the uninitiated if it read, "as early . . . as the soil can be properly worked."

Most soils are decidedly damp and soggy for several weeks—sometimes weeks—after the frost is out. They can be worked but not properly. If plowed, spaded or forked over while in this condition clods and lumps will be formed which, in dry weather, come hard and hinder cultivation more or less throughout the season. Particularly is this true of clayey soils and those which have never been broken for the first time.

No soil should be touched until it has become dry and crumbly enough not to stick to and clog the digging implements. The tedious waiting which this stipulation sometimes entails will be well repaid by the better subsequent growing conditions which will result from heeding the advice.



UNLESS the perennial border was well mulched with manure last fall, the application of bone meal to it this spring will be of decided benefit to the plants. The annual production of a vast and intricate system of stalks, foliage and blossoms is a heavy drain upon the food supply and the plants themselves. But they will be better off if you give them an extra supply of nourishment at the time growth starts.

"Best on Earth"
Gladioli

JOERG'S
WHITE

The Rarest New
and the Choicest
of the Old

Among the former, our giant White "JOERG'S WHITE" stands supreme both for size and color. It is the 'Star' 1925 Gladiolus novelty, fully described and illustrated in our catalog.

Price, per bulb \$5.00

(No smaller sizes or planting stock for sale.)

Special Offer of
10 Splendid
Standard Gladioli

	List Value
6 Niagara, cream, splashed carmine	\$0.50
6 Scarsdale, lavender and rose	.50
6 La Couronne, cream, blotched maroon	1.75
6 Alice Tri-lady, bright orange	1.00
6 Crimson Glow, splendid rich crimson	.75
6 Prince of Wales, beautiful salmon	.75
6 Arizona Rose, clear rosy-pink	.50
6 Herada, lilac mauve	.75
6 Peace, milk-white	.50
6 Schwaben, giant-yellow	.60

Value \$7.60

The above collection, post-paid anywhere in the U. S. for

\$6.00

Our 1925 illustrated catalog of "Best on Earth" Gladioli, mailed free anywhere

GEO. J. JOERG, Inc.

(40 years growing Gladioli)

New Hyde Park (Box 11) Long Island, N. Y.

WILSON'S "O. K." PLANT SPRAY The Insecticide Supreme

WHY BUGS LEAVE HOME



For Sale by All Dealers

1 gallon can \$ 3.00
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For your Flower and Vegetable garden, Evergreens, etc. For Box Mite, Rose Bugs, Lace Fly, Spruce Gall, Red Spider, Aphid, Thrip and other insects. Recommended by the Officers of the Garden Club of America.

Write for the circular that proves "why bugs leave home"

Andrew Wilson
INC.

Springfield, New Jersey

G & R ROSES

On their own roots. Sure to bloom. True to name.

RAINBOW COLLECTION

5 Wonderful Roses. Different Colors. Sure to please. **HELEN GOOD**, pink; **PRESIDENT WILSON**, rose; **HOOSIER BEAUTY**, crimson; **MRS. AARON WARD**, yellow; **WHITE LA FRANCE**, white. Mailed Postpaid to any address. Guaranteed to reach you in good growing condition. **\$1**

SPECIAL OFFERS

6 Hardy Chrysanthemums, embracing all colors \$1.00
6 Gladioli—Cream of newer sorts, selected colors 1.00
6 Liberty Iris—Choice colors—assorted 1.00
3 Decorative Ferns—Assorted varieties 1.00
4 Dahlias—Select—splendid assortment of colors 1.00
"Our New Rose" **MARY WALLACE**—1 yr. old \$1.00
4 Perennials—Made up of 1 Delphinium, 1 Shasta Daisy, 1 Fox Glove, 1 Aquilegia \$1.00

Special Offer—Any 5 collections for \$4.50—the 8 for \$6.50 postpaid. Prompt service guaranteed. Catalog free.

THE GOOD & REESE CO.

Largest Rose Growers in the World

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SPRINGFIELD
OHIO



Magnificent "Mun"
Grown by YOU—

in your dainty Callahan Greenhouse. Think of it! A riot of gorgeous blooms, at all times—result of your happy work in your cozy greenhouse.

You can easily become the proud possessor of a Callahan Greenhouse. It costs no more than a small garage. You will say it is the best investment you ever made.

CALLAHAN GREENHOUSES

The Callahan Greenhouse is shipped painted and with all glass in place ready for quick and easy assembly. It can be erected in just a few days.

Send NOW for The Greenhouse Book

The T. J. Callahan Co.

504 Stout Street, Dayton, Ohio



FOR THE GARDEN SCRAP-BOOK

broadcasting of the bone meal is not advisable. It is more superficial, and not so wasteful, to apply the meal merely to the spaces between the clumps, scratching it into the upper layer of soil with a hand-weeder or narrow rake. A handful or two to each plant will be enough, unless the soil is badly impoverished.


Bone meal has the decided advantage of not "burning" the roots even of tender plants, as fresh manure is very likely to do. It comes under the head of those highly desirable fertilizers which are "safe" to use.



WHEN the time comes to remove the manure or dead leaf mulches which have covered the outdoor plantings since last fall do not discard them as being of no further horticultural value. They are highly desirable materials for building up soils that are deficient in the essential ingredient of humus, or disintegrated vegetable matter. Save them, therefore, either by digging them into the soil where they have lain, or by adding them to the compost heap in some out-of-the-way corner of the grounds.



THE sowing of new lawn areas, or the re-seeding of old ones, is best accomplished about the time the maple leaves start to fall. Before this delectable season, which someone has aptly called "the tassel-time of spring", cold weather is likely to hinder germination. Much after it, lack of rain not infrequently produces similar results.



Gardens and Lawns Thrive When Properly Fed!

Luxuriant lawns and gardens are easily obtained! Plants thrive when they are fed at the proper time with proper food, even as you and I.

NATURAL GUANO
Sheep Manure 100% Pure


Contains all the natural, vital elements of a complete fertilizing agent, including nitrogen, phosphoric acid, potash, and—HUMUS!

Unadulterated with garbage, tankage, straw or any other dead material.

Distributed in neat containers, 5-lb., 10-lb., 25-lb., 50-lb., 100-lb.

If your dealer does not handle NATURAL GUANO write us direct. Ask for free leaflet, "How To Make Beautiful Lawns and Gardens."

NATURAL GUANO COMPANY
810 S. River St. Aurora, Ill.



A Small Power Mower for Average Lawns

The Jacobsen Junior Power Lawn Mower is especially designed for average lawns—a light, sturdy, compact, motor-driven mower. Cuts a 19-inch swath at the rate of two acres a day on a gallon of gas.

The "Junior" is a worthy offspring of the Jacobsen Power Lawn Mowers that have for years been the standard of perfection in park, cemetery, on industrial lawns and Golf Links.

The safety clutch prevents damage when sticks or stones are encountered. Traction wheels and clutch are independently controlled at the handle. Steers easily as a hand mower about trees and other obstructions. Sufficient power for terrace work. Price \$150.00 F. O. B., Racine, Wis.

There's a Jacobsen Mower for every type of lawn. Write for literature. Demonstrations arranged without obligation.

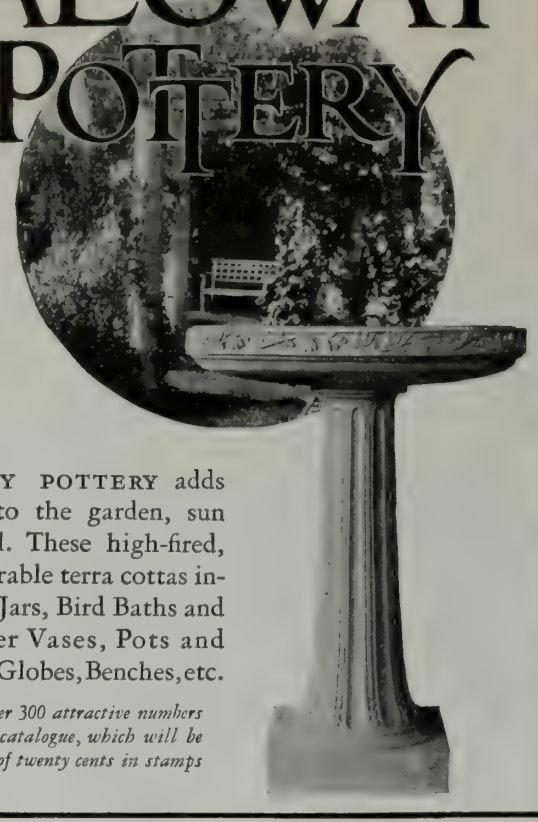
JACOBSEN MFG. CO
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Jacobsen Power Lawn Mowers

GALLOWAY POTTERY


ESTABLISHED 1810



GALLOWAY POTTERY adds interest to the garden, sun room and hall. These high-fired, strong and durable terra cottas include shapely Jars, Bird Baths and Fonts, Flower Vases, Pots and Boxes, Gazing Globes, Benches, etc.

A collection of over 300 attractive numbers is shown in our catalogue, which will be sent upon receipt of twenty cents in stamps

GALLOWAY TERRA-COTTA COMPANY
3218 WALNUT STREET. PHILADELPHIA.



Is Your Garden Well Planned?

LET an experienced landscape architect supplement your own ideas of a well planned garden. It means valuable assistance from one who has made gardening and landscaping a life study.

Your garden and grounds can be (1) skillfully designed (2) supplied with selected planting stock (3) planted or constructed. This complete new service, covering any one or all of these details, may be obtained at very moderate cost and saving of time, because it functions under one organization.

No problem is too large for our service facilities, none too small to receive our most painstaking attention. Practical suggestions and impartial advice rendered without charge.

Our booklet explaining this expert and economical service sent upon request.

The
GARDEN SERVICE CO.
National City Building
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Plant Gladioli for a Garden of Glorious Blooms

ANYONE can grow gladioli successfully and be rewarded with a succession of wonderful flowers all summer long. For cutting they are unexcelled. Plant Kunderd Gladioli and know why experts rank the Kunderd originations so highly. The new Lacinatus, especially, is the most marvelous gladiolus ever developed. New varieties in the famous Kunderd Ruffled and Plain-petaled types, as well as the new Primulinus Hybrids, are now offered for the first time. Write for the

1925 Kunderd Catalog—Free
Hundreds of gladioli in all the myriad colors of the rainbow are listed. Many are pictured in full color. Catalog contains special collection offers and my invaluable cultural instructions. Send for it today.

A. E. KUNDERD
Box 2-D Goshen, Ind., U. S. A.
The Originator of the Ruffled and the Lacinatus Gladioli

Kunderd Gladioli
TRADE-MARK
STAND SUPREME



FOR THE GARDEN SCRAP - BOOK

A windless day, preferably before rain, is the best for grass sowing. Go over the area from two directions, to insure even distribution of the chaff-like seed. Have the soil smooth and loose, and if possible roll it after sowing in or press the seed into firm contact with the earth. Small areas can be patted down with the back of a spade if a roller is not procurable.



GLADIOLUS planting can begin as soon as danger of freezing weather is past and the ground has begun to thaw. By putting in a batch of bulbs every two weeks from then until early in June the blossoming season can be greatly prolonged.

The tiny bulblet offshoots saved when the large bulbs were up last fall should be sown thinly in drills in the same manner as peas are planted, except that they should not be covered more than 2" deep. If allowed to grow unhampered all summer so that they will probably flower this year, and practically all will be of blooming size for next season.

The Gladiolus prefers a sunny situation in rather sandy, light soil. Manure enrichment should be used sparingly if at all. Bone meal is better.



WATCH carefully for the first appearance of the green caterpillars on the Currant bushes. They start practically as soon as the leaves are out, and they work fast. Arsenate of lime spray, repeated at intervals of ten days until all danger is past, will keep them in check.

The "Bob-o-Link" BIRD BATH



Saucer
23 1/4"
wide
1 3/4"
deep,
height
33"

\$13.00

Height 32" Saucer 23 1/4" Wide 1 3/4" Deep No. 410

Securely crated and F. O. B. the R. R. Please specify "Marble or Granite" when ordering

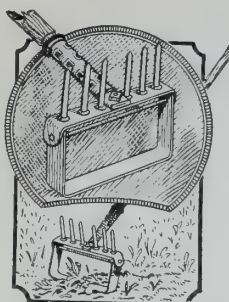
Especially priced and designed for the medium sized garden, in excellent proportion and of proper size and depth to suit your feathered friends.

Made of either Crushed White Marble or Granite as you prefer by our special process which allows us to fully warrant our products to remain beautiful and serviceable thru time and weather. Our beautiful catalog of all kinds of Garden-Ware sent upon receipt of 20 cents in stamps, to be refunded with your first order.

The BARCLAY COMPANY
Garden-Ware
Narberth, Pennsylvania

Here Is The Greatest Garden Tool! DUBL-DUTI PUSH CULTIVATOR

1 PULL and 1 PUSH stroke thus



will cultivate as much as twenty-four (24) chopping strokes with a hoe thus:-
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Special Introductory Offer

We will send 1 6 in. DUBL-DUTI (no handle), 1 WONDER Dandelion Digger, with four foot handle, 1 5 point Handy Scratch Weeder, 1 20 page booklet on cultivation and weeding. You need not send any money unless you desire. We can send C.O.D. Pay the mail man \$2.00 plus the small C.O.D. fee and get acquainted with the greatest labor-saving garden tool. Sent without handle which secured locally at small cost completes the tool.


J. E. GILSON CO.

510 Valley St.

Port Washington, Wis.



Jumbo Strawberry



Wonderful new variety —bears until very late

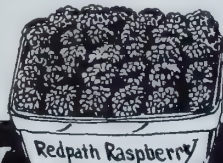
Jumbo Strawberry yields great crops of very large fine-flavored fruit after other varieties are gone. Shipments have sold at \$1.00 a quart wholesale in New York. Perfect. Trial Offer 10 Plants, \$1.00; 25 Plants, \$2.00; 100 Plants, \$6.00; 1,000 Plants, \$50.00.

Redpath Red Raspberry

Beautiful brilliant red (not purple). Fruits in Fall of first year. From 1/4 acre of Plants set in April, we picked 300 qts. the following Fall. Second season, the Redpath bears heavily in mid-summer. Firm and a good shipper. Absolutely hardy. Trial Offer 5 Plants, \$1.00; 25 Plants, \$3.50; 100 Plants, \$12.00; 1,000 Plants, \$100.00.

CATALOG FREE. Pictures and describes Strawberries, Raspberries and material for every planting need.

L. J. FARMER Box 250 Pulaski, N. Y.



Redpath Raspberry

REAL SOIL NUTRITION



What vitamins are to human life, Nitrogen is to plant life. Both are essentials. Lacking sufficient nitrogen, soil becomes poor and impoverished and yields grudgingly. When **SODUS HUMUS** The Essence of Fertility



is added, the soil is enriched; its productivity is increased. For test results see **SODUS HUMUS richest in nitrogen**. It is therefore the most economical method to buy.

A sweet, odorless fertilizer which can be used near the house or in it.

If you are farmer, gardener, grower, nurseryman, estate manager, greenskeeper, Sodus Humus will give you inestimable value to you.

Make its acquaintance through a trial two-bushel sack. You will find it a wonder-worker.

We will send you, free, "Humus and its Relation to Plant Growth," a booklet of great worth reading, if you will ask us.

SODUS DISTRIBUTING CO.
194 Main St., Benton Harbor, Mich.

FOR THE GARDEN SCRAP BOOK

THE passing of the danger of hard frosts usually takes place this month in sections south of Philadelphia. With it comes the real warming up of the soil and, of course, dahlia planting time.

Dahlias need rich, well-drained soil, for they must produce in a relatively short time a really astonishing underground as well as above ground growth. From a single tuber develops a 6' or 7' plant with a main stalk 1" to 2" thick at the base—almost a young tree. To do this in the course of four months, and to form also three or four additional tuber each of which will be ready to take its place as an independent root next year, obviously calls for the most favorable conditions.

Dahlia tubers should be planted with the eye up at a depth of about 6". Cover them with 2" of soil and fill in gradually as the shoot grows until the general level of the bed is reached. At least 3 should be allowed between plants, and a strong stake set in place at the time of planting. Good stakes are made from 1" by 2" strips 7' long, painted dull green. Set them 1½ to 2' deep, so that there will be no blowing over during summer storms.

It usually happens that more than one shoot starts from a single tuber. Only one should be allowed to develop. Nip the others off at the ground level, so as to throw all the energy of the plant into the one sprout that remains.



WOODPECKER or FLICKER HOUSE, 20 1/2" high; may be applied to side of tree, house or barn; stained brown. Delivered \$2.00.

FEEDING STATION attracts birds; assures you daily visits next winter; stained brown. Delivered \$1.

No. 3 WREN HOUSE CLUSTER on 8 ft. pole; stained brown; removable bottom. Delivered, \$6.00.

ROBIN ROOST for the Red-breast who will not build in a house; stained brown. Delivered \$1.00.

No. 10 STONE BIRD BATH. Where this beautiful bird bath is placed, there will always be songsters. Scientifically correct; of classic design; bowl 21" diam.; pedestal, 26" high. Delivered \$12.00.

No. 5-A WREN HOUSE, stained brown; with 8-ft. pole, etc., delivered \$2.50; house only, delivered \$1.

No. 5 BLUE BIRD HOUSE, stained brown; hinged bottom for cleaning. Delivered \$1.00.

No. 15 EASY-CLEAN MARTIN HOUSE, ready for paint; 3-story, 28 comp., delivered \$11.50. 2-story, 20 comp., delivered \$9.50.

We suggest early installation of these bird comforts to attract to your garden the first arrivals from the south. **SHIPPING CHARGES PREPAID.** Write for our beautifully illustrated catalog on garden furniture.

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EXPRESS BODY CORPORATION**
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Aphine

The recognized Standard Insecticide.

KILLS PLANT LICE

Over fifteen years, careful growers, both amateur and professional, have been using Aphine successfully for the extermination of plant lice, such as green, black and white fly (the aphids), scale, soft scale, and the leaf eating plant and cabbage slugs.

Aphine is free from all disagreeable odors, can safely be sprayed on all over, fruit and vegetable plants, in house and garden. Roses, sweet peas and chrysanthemums thrive on it. Aphine is the safest and most effective insect exterminator money can buy.

A can: Quart, \$1.00; Gallon, \$3.00; Barrel lots, \$2.50 per Gallon.

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For mildew, rusts and other blights affecting roses, fruits and vegetables. Quart, \$1.00; Gallon, \$3.00.

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For beet worms, angle worms, root lice, etc., living in the soil. Quart, \$1.00; Gallon, \$3.00.

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YOUR 1925 Garden will be an assured success if you plant Waterer's Seeds, selected from the finest stocks in Europe and America. They have produced results for over thirty years.

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Purchase (near Rye Lake)

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New York

FOR THE GARDEN SCRAP-BOOK

BIRD houses should be put up early, so that the garden birds on home grounds that may use them will have a chance to get accustomed to them before actual nesting time arrives. Birds such as sparrows and wrens will be the most probable tenants, if one omits the English sparrow and the starling, neither of which can range in the garden exactly desirable. Sometimes a little shelf-like platform will be utilized by a robin or phoebe.

Sites not too close to the house are usually preferred for, first, though birds may be, they ask a reasonable amount of privacy and quiet.



JUST as one may judge the merits of a carpenter by his choice of tools, so are the quality and condition of his tools a fair index of the standing of a gardener.

Hoeing, raking, spading and the manifold other activities of real gardening are genuine work, and only good implements will long withstand their wear and tear. Cheap tools are an abomination and produce as much exasperation as they do anything else.

So, too, do tools in poor condition, no matter how superior in original quality. Rust, caked earth, loose handles, joints or hinges—these should never be allowed to develop. Clean tools help to make clean results.

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The Leading Nursery Catalog
tells you in the simplest terms
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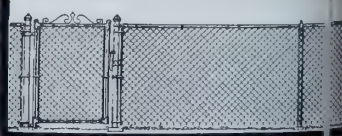
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FOR THE GARDEN · SCRAP-BOOK

THE even sowing of very fine seed is facilitated by mixing it with several times its bulk of dry, fine sand. Ordinary soil, pulverized and perfectly dry, will serve the purpose fairly well. It is much easier to distribute such a mixture than if the seed were used by itself.



PEAS, both sweet and garden, do best when they make a deep, strong root growth before hot weather. By doing this they not only develop the maximum of strength but also, by sending their roots deep into the cool ground, become more resistant to the ravages of heat and drought.

This is one of the chief reasons for planting peas early. Get them in as soon as the ground can be properly cultivated. Plant deep and fill in with soil as they grow, as suggested for dahlias.



THE laws governing the resistance of plants to cold which de Candolle established years ago are of particular interest to those who, living in northern sections of the country, face each year the problem of carrying certain of their garden favorites through the rigors of a severe winter. With few if any modifications they may be accepted today as applying to the fundamentals of this important question. In brief, they are as follows:

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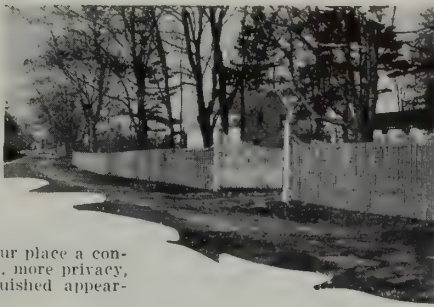
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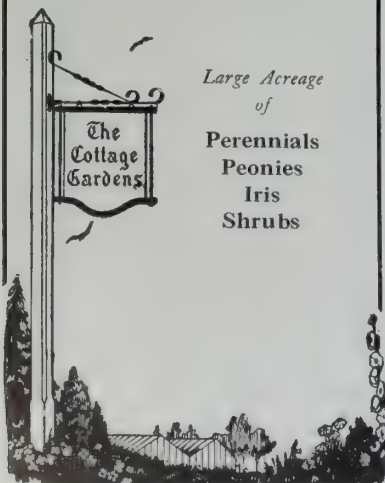
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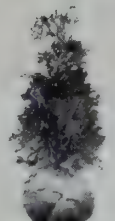
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Departments for the Rose, Dahlia, Iris, Peony, Gladiolus, and other flowers, Queries and Answers, Musings, Timely Suggestions, Our Birds, and many other helpful and interesting things. An editorial department and an EDITORIAL POLICY, which is strangely lacking in most magazines.

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Plant the bulbs, watch them bloom, read The Flower Grower, and see what happens.

Madison Cooper, Editor 12 Court St., Calcium, N. Y.

Luther Burbank
says:—"No other so
thoroughly
practical, well edited, and
generally interesting."

FOR THE GARDEN SCRAP-BOOK

First, "The power of each entire plant, or part of a plant, to resist extremes of temperature bears an inverse ratio to the quantity of water it contains." For example, Alpine species which grow naturally where the drainage is excellent can in many cases withstand a degree of cold which would be fatal to many other plants.

Second, "The power of resisting cold (and heat) is in direct ratio to the viscosity of the juices which a plant contains." Possibly this is one reason why "resinous trees, such as some of the Conifers, are found to brave so well the cold of the most northern latitudes, and likewise that of the highest mountains of the globe."

Third, "The resistance to cold in a plant is in the inverse ratio to the mobility of its juices, just as we find that water may be cooled several degrees below the freezing point if only kept undisturbed." In other words the less the mobility, the less the quantity of water present, and consequently the less danger of injury by frost.

Fourth, "The larger the diameter of the vessels and cells in a plant may be, the more liable it is to injury by frost, just as we find that water becomes solid much sooner in wide than in capillary tubes."

Fifth, "The power of resisting extremes of temperature bears a direct ratio to the quantity of air entangled between the parts of the vegetable tissue. . . . The down which covers the exterior of certain organs in many plants is a protection against both excessive cold, in consequence of the air contained within its meshes, which serves to prevent the rapid transmission of heat either from without or within."

It is this last principle which we utilize when we straw up our rose bushes for the winter.

New Way to Grow Bigger and Better Vegetable Flowers and Shrubs

SCIENCE has perfected a wonderful new soil and seed inoculant—entirely different from ordinary fertilizers and other inoculants—which has shown amazing results in increasing the beauty and yield of vegetables, flowers, lawn grass, shrubs, etc. Terra-Vim's it is called, comes in simple powder form, easy to use by merely mixing with soil or sprinkling on roots, bulbs, cuttings or soil. And it is so concentrated and efficient that one can (18 oz.) is often sufficient for 4 acres!

The method of bacterial inoculation has for some years been used with marked success on large farms in the raising of alfalfa, clover and other legume crops. But only recently has it been demonstrated that the same principle can be applied to other crops, field and garden plants. Extensive tests by U. S. Government Farm Agents in cooperation with farmers, florists and nurserymen all over the country have proved that by simply using the proper bacteria for each plant, as put up in the various Terra-Vim powders, you can often double the size and yield of your vegetables, and wonderfully increase the strength, fullness and beauty of your flowers, lawn grass and shrubs.

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So successful has Terra-Vim proved wherever used, that results are positively guaranteed. Try it at OUR risk. It comes in 1½ lb. cans costing only \$1 a can, and 1 can will often do for 4 acres. Simply order enough for your needs, and if after a thorough trial you are not surprised and delighted with the wonderful improvement it brings, tell us so and your money will be promptly refunded.

NOTE: Remember, each class of plant requires its own particular bacteria. So be sure to mention on your order the plants you want Terra-Vim for.

The Terra-Vim Corporation
Dept. 44 Lancaster, Pa.



THE GARDEN SCRAP-BOOK

WATCH a good orchardist applying nitrate or other stimulating material to his trees and you will see that he pays no attention to the area closely surrounding the trunks. His attention is centered on top-dressing the soil which lies under the circumference of the branch spread, and that immediately beyond it.

The reason for this is simple: the extent of root spread approximately that of the branches, and the most actively feeding root tips are at and near the end. Close up to the trunk, and extending deep down into the earth, are the anchor roots and those heavier ones whose main function is the gathering of water from the subsoil. These in themselves are relatively incapable of passing up nourishment to be passed on to the veins of the tree; they have passed beyond that stage, and now are mere carriers of food rather than collectors. Obviously, then, the fine feeding roots are the only ones that it is worth reaching with stimulants, and these are located fairly near the surface in a large circle well from the trunk.



INDIVIDUAL forcing frames, which are merely miniature portable cold-frames to be used outdoors in the vegetable garden, are especially useful in giving an early start to Melons, Cucumbers, Squash and other tender things planted in hills. Put the frames in position several days before planting time, to warm the ground underneath them as much as possible.

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Florists, greenhouse owners, gardeners and fruit growers always keep this "old reliable" spray on hand to destroy all varieties of Aphis, Thrips, Red Bug, Paylla and Leaf Hopper.

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Black Leaf 40

Kills Aphis

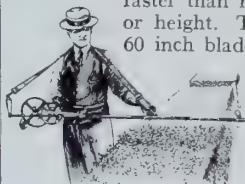
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Ask for circular of portable electric outfit

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Radiance—Radiant Pink. Paul's Scarlet Climber—Scarlet Golden Ophelia—Soft Yellow. Red Radiance—Scarlet Crimson

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Four Hardy Flowering Shrubs \$2

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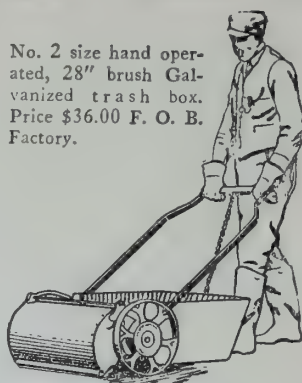
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WHITE CEMENT



*"It is Cheaper
to Build
than Pay Rent"*

11 27



How the Bennetts Made a Life-Long Dream Come True

THE TOTAL is \$5,875.00" my husband declared one night, months ago, as he laid aside the pencil with which he had been figuring. I gasped. More than five thousand dollars! scarcely seemed possible that we had contributed that sum to the landlord, in the years that we had been "keeping house." And what had we to show for it? Not a blessed thing, but a neat book of rent receipts! Well, thank goodness, our rent paying days were nearly over. We had already selected a lot in a suburban neighborhood. Even then we were planning the details of the Home That Was To Be—the realization of a life-long dream.

A Friend Recommends the Use of Bishopric Stucco and Base

You have ever set out to build a home you know what it means. We by one we considered—and discarded—all of the standard building materials—wood, brick, tile, stone, etc. The expense seemed to be more than we could afford. It began to look—and thought was ever so dreary!—as if we would have to postpone building operations for a time.

And then, one day, my husband and I chanced to discuss the matter with an acquaintance—an authority on building materials.

Am confident that I know of a building material that will solve our problem," he said. Then this man told us about Bishopric.

Of course, we were interested, and determined to find out all about BISHOPRIC at once. We found the leading building-material dealer, in our town, only too glad to enlighten us. To our surprise we learned that BISHOPRIC was not only the best stucco unit, but likewise the most economical.

The dovetail key construction of the Base, plus the solid fibre-board background, we were told, made an actual saving of 25% or more in stucco and plaster materials. Being packed in rolls, BISHOPRIC Base also saved a great deal of labor in handling and applying.

Saves Coal in Winter—Means Greater Comfort in Summer

My grandfather used to have a saying "You can't tell anything about a house until you've summered and wintered in it!" Well I am writing this little experience after spending more than a year in our BISHOPRIC home. Our delight in it grows greater every day. Last Winter we burned from one to three tons less coal than any of our neighbors (our home is the largest in the block) and all Summer we had the reputation of having "the coolest house in the neighborhood."

Do you wonder, then, that we go about singing the praises of BISHOPRIC? It has indeed made our life-long dream come true!

Bishopric Stucco endures in every clime, retaining its strength and its original color in temperatures of either extreme. Economical in original cost, negligible in upkeep, warm in winter and cool in summer, BISHOPRIC STUCCO over BISHOPRIC BASE not only wins friends but keeps them. And no wonder, for it yields itself to any form and endures from generation unto generation.

An interesting booklet "Bishopric For All Time and Clime," illustrated with photographs of beautiful houses built with Bishopric Stucco, plaster and sheathing units will be mailed you Free.

Bishopric is Sold by Dealers Everywhere
The BISHOPRIC MANUFACTURING CO.
718 ESTE AVE. CINCINNATI, OHIO
NEW YORK CITY NEW YORK LOS ANGELES CALIFORNIA OTTAWA CANADA



The New Marmon Five-Passenger Sedan-Limousine De Luxe

The NEW MARMON---a successful car for successful people---"It's a Great Automobile"

Comprehensive selection of New Marmon De Luxe Models, permitting intimate expression of personal tastes. Also, New Marmon Standard Closed Cars at practically open car price. All mounted on famous Marmon six-cylinder chassis of 136-inch wheelbase

Open cars, \$3165. Closed cars, \$3295 to \$3975 Prices f. o. b. Indianapolis, exclusive of tax



REO*The Gold Standard of Values*

TWENTIETH ANNIVERSARY SEDAN

Complete closed car comfort at the price of an open model was first obtained with the Reo Twentieth Anniversary Sedan. In this Sedan, four doors eliminate the need for folding seats and provide equal convenience for five adult passengers.

The standard Reo T-6 chassis is assurance of mechanical quality, six-cylinder performance, and desirable long life.

REO MOTOR CAR CO.

Lansing, Michigan



\$ 1595

AT LANSING, PLUS TAX

"Once in a Lifetime"

A booklet has been published under this significant title. It is yours for the asking. It shows how conductor pipes, gutters, and eaves troughs of Horse Head Zinc can be installed on your house at only a slightly higher cost than those of admittedly temporary material, and at a fraction of the cost of any other permanent metal.

If you are planning to build or are facing the usual spouting repairs, you will need this booklet. Write to The New Jersey Zinc Company. Dept. H5-1, 160 Front Street, New York.

Zinc

The New Jersey Zinc Company

Established 1848

Products Distributed by

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*The world's Standard
for zinc products*



BUILD THE NATION SECURELY WITH INDIANA LIMESTONE The NATION'S BUILDING STONE

Interesting Facts About INDIANA LIMESTONE

Number Four

Massive one-piece columns as high as 40 feet, have been produced from a single block of stone in the Indiana Limestone Quarry District—the column being rounded out in a comparatively short time by means of a machine called a lathe. Years ago stone columns were cut by hand. It required *six weeks* for one man to cut a 28 foot column. Today the lathe turns out a 28 foot column in *three days*.

IF the stone walls of your home could tell a story, they would tell of the age-old romance of the quiet centuries when the great Indiana Limestone deposits were formed from which man now obtains the material for his shelter.

All the strength and romance of the hills are built into homes constructed of Indiana Limestone. The mellow beauty of coloring and fineness of texture found only in *natural* stone gives them their distinctive beauty. No other building stone has the same extreme durability and truly remarkable weathering qualities as Indiana Limestone.

Design No. 224. The cost of the delightful house illustrated, well finished and equipped on the inside, excluding garage, would be approximately \$24,500—only very little more than the same house equally well finished and equipped built of any other material. The walls are faced entirely with rough-sawn Rustic Buff Indiana Limestone laid up as range work with $\frac{1}{2}$ " wide light color mortar joints, struck flush with the face of the stone.

Our Portfolio of small house designs, conceded to be one of the finest collections of its kind to be issued by any building material producers, will be sent upon receipt of 50c. Address, Indiana Limestone Quarriesmen's Association, Box 782, Bedford, Indiana



THE MELLOW SURFACES OF FINE FURNITURE DEMAND THE PROTECTION OF PLATE GLASS



A SCARRED table or dresser top is rarely seen nowadays. The beautiful deep-toned surfaces, the result of long and complicated processes of finishing, receive the utmost care. Refinishing is expensive and inconvenient. And the possessor of fine furniture, following the advice and example of the foremost decorators,

Given a handsome Plate Glass mirror, many charming arrangements are possible. From photograph by M. E. HEWITT.

The formal grace of this Georgian dining-room is enhanced by the use of Plate



Glass on the table and buffet and also in the mirror. Photograph by M. E. HEWITT.

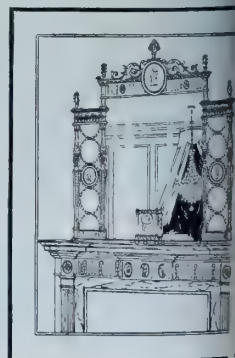
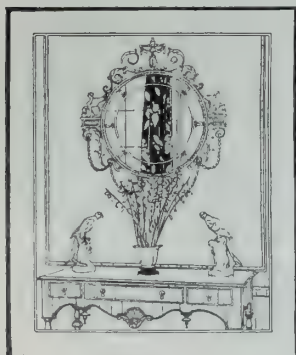
uses Plate Glass whenever possible.

On dining and serving tables, Plate Glass not only protects the finish from hot dishes or liquids, but also guards the valuable and delicate fabrics often used beneath it. On library tables and desks it saves the tops from hard and constant usage. In the bedroom, Plate Glass is particularly useful on dresser tops or dressing tables, as cosmetics and perfumes contain alcohol, which is ruinous to varnish and paint.

Wherever used, Plate Glass protects and preserves furniture, and also adds the charm of its own surface to any interior. It is expensive. It pays for itself many times over. And it can be obtained from any hardware or glass dealer cut to size, with edges smoothed, ready for use.

PLATE GLASS
MANUFACTURERS OF
AMERICA

A carved frame and Wedgwood plaques distinguish this Plate Glass mirror. From photograph by M. E. HEWITT.





CHINA

ONE REASON why Macy's has become the largest department store in New York is that Macy's advertising has always been exceedingly conservative. People have even complained that it has said too little about values and prices; that it persistently understates the facts.

But that is a good fault. And it restrains us, now, from saying more than the bare essentials about the famous Macy China and Glass Department—the oldest department of its kind in any big store—and

This piece is from a console or buffet set comprising a large bowl and two tall vases in green and amber. Three pieces, \$14.89

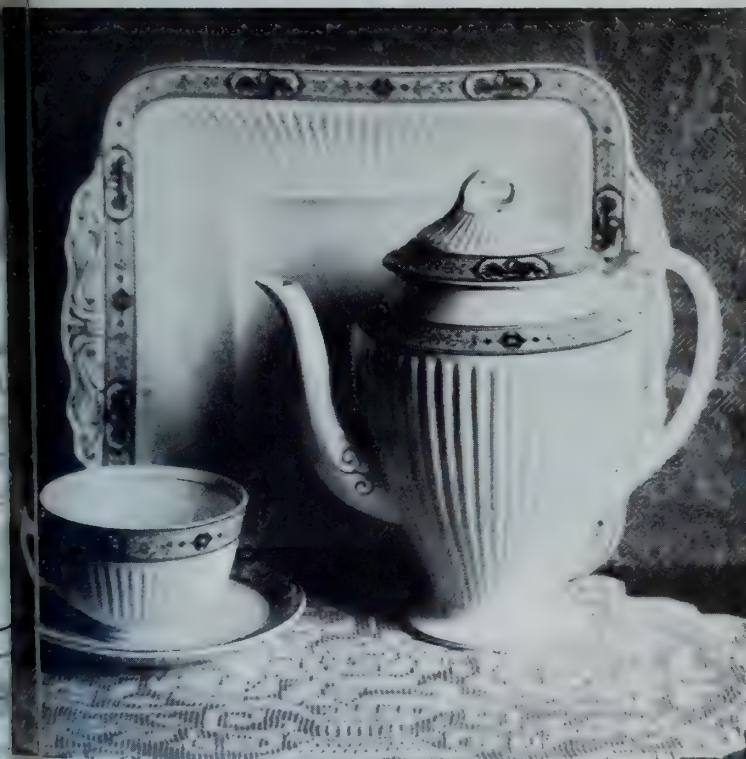
GLASS

the favorite among discriminating women in New York for more than half a century.

Visit it, surely, when you are in New York. You may need only a quaint bit of Brittany ware for a shelf in your summer cottage. You may need the stateliest dinner service that any palace or yacht can command. You

will find it; and the price will be at least 6 per cent lower than in the next lowest store.

You are cordially invited to shop by mail.



The Barbara Jane pattern, Greek in grace and modern in finish, is a worthy example of Macy's fine china. Ivory cream color, 100-piece service for twelve, \$101.50. Tall tea pot, \$39; cup and saucer, \$1.19; cake plate, \$4.24

R. H. Macy & Co.
34th ST & BROADWAY Inc NEW YORK CITY

For the summer parties, Macy's recommends this iced tea set of six glasses and a covered jug. Its tornado twist optic design is particularly refreshing. The colors are autumn gold, spring green, or burgundy. Seven pieces, \$6.49

For her wedding or her golden anniversary

WHAT A GLORIOUS GIFT A BRAMBACH WILL BE! How she will prize its graceful charm in her home; and its deeply resonant tone; and the atmosphere of quiet luxury which only a grand can bring!

The Brambach Baby Grand—built with the experience of 102 years—is now offered to you by a nearby dealer, on terms so easy as to be negligible. Go to him. Hear the Brambach. See for yourself the master craftsmanship of its beautiful case.

We will send you the nearest dealer's name and a free paper pattern showing that the Brambach needs no more space than an upright. Simply mail the coupon to us today.



BRAMBACH

BABY GRAND

\$635 *and up
f.o.b. N.Y.*

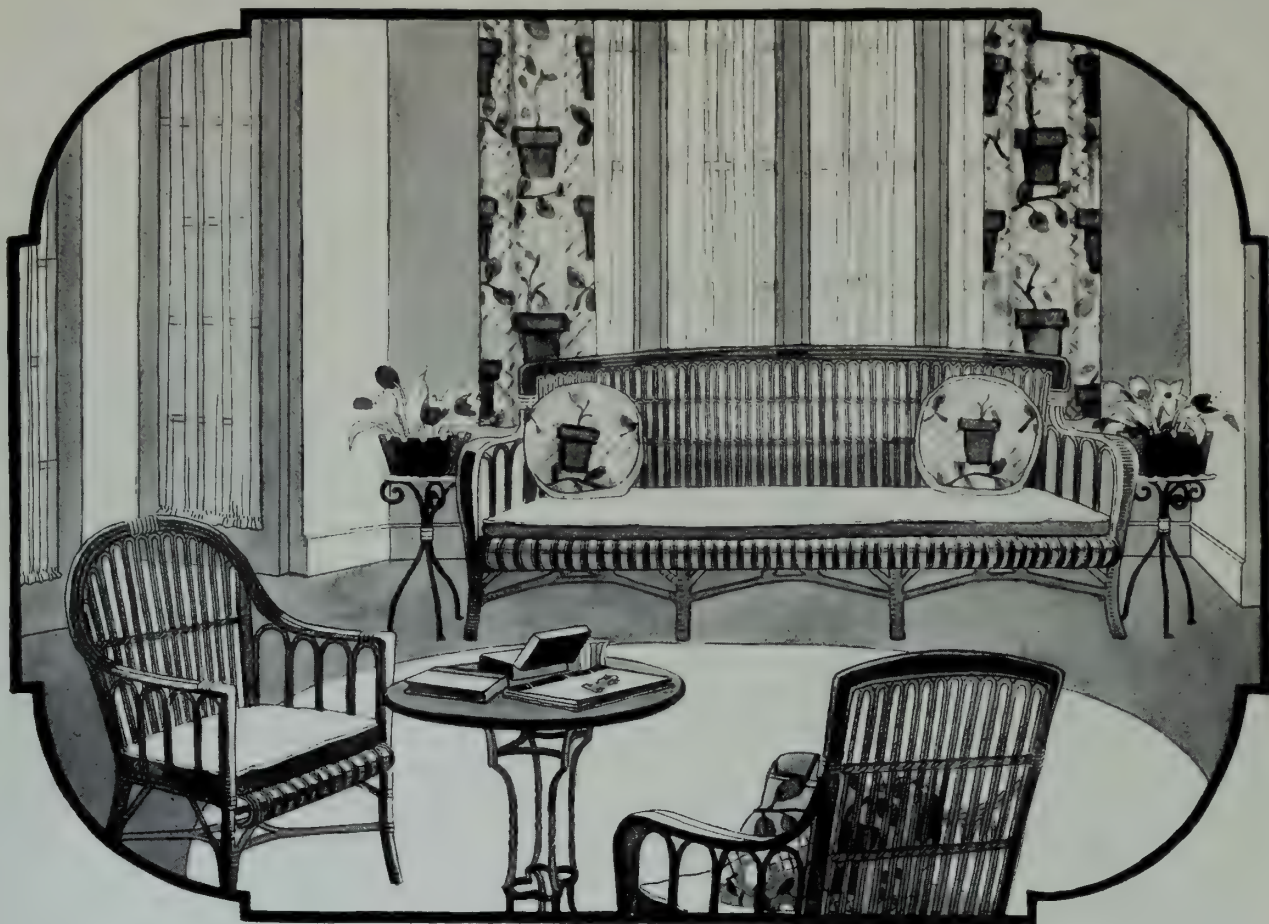
BRAMBACH PIANO CO.
Mark P. Campbell, Pres.
613 W. 51st Street, N.Y. City

Please send me paper pattern
showing size of the Brambach
Baby Grand.

Name _____

Address _____





Stick willow furniture—three pieces without cushions \$105.

Summer Furniture

Lends Comfort, Color, Coolness

FOR the restful, informal hours of languorous days, summer furniture creates a refreshing atmosphere with its bright colors and comfortable settees and chairs. These may now be selected from an extensive variety of designs, colors and fabrics that emphasize the smartest tendencies in reed, stick willow and willow furniture.

Lord & Taylor

FIFTH AVENUE, NEW YORK

KEYNOTES OF INTEREST

Midnight blue, accented with cherry red, one of the smartest colors in reed or stick willow.

Other colors that promise cool charm are forest green, apple green, mulberry, mauve, café au lait, buttercup yellow, orange, cherry red, some with contrasting colors.

Cushions are covered in plain linen, chintz and glazed chintz in flowered, checked and striped patterns.

Any piece will be painted or covered in the color and fabric you desire.

All colors and fabrics for this furniture were selected by our own decorators.

SEVENTH FLOOR



FAIRFAX—By the Master Craftsmen

James Harriott, for 48 years a Gorham Master craftsman of the Durgin Division, Concord, N. H., engraving a special design on a Fairfax waiter.

THE supremacy of FAIRFAX remains unchallenged. This exquisite pattern, designed and wrought by the master craftsmen to-day leads in volume of sales all other sterling patterns in the world.

FAIRFAX PATTERN

Tea spoons 6 for \$9.50

Dessert knives 6 for 19.00

Dessert forks 6 for 21.50

GORHAM

PROVIDENCE

NEW YORK

AMERICA'S LEADING SILVERSMITHS FOR OVER 90 YEARS





WE take it as an axiom that good design in furniture must be based on the best traditions of the past.

As an architect holds to the lines and proportions of a cottage in Brittany, a Long Island farm house, or one of the mansions by McIntyre or Bullfinch, and produces a thoroughly modern house with every contrivance for convenience—we take Early American pieces of the best design, and adapt them to meet the requirements of modern homes.

We use as our inspiration early beds of simple, quaint chairs and cupboards, a Sheraton settee from England, and the turnings, equip them with modern springs and mattresses, tilt the backs for comfort, put in trays for silver, upholster with deep spring seats and cushions of soft down.

The spirit of joinery is retained. Every detail of value in design is adhered to. By this means true values are created.

DANERSK FURNITURE

*An interpretation of
the best in*

Early American Design

The charm of a room done in Danersk Furniture is in its simplicity, and the friendly, livable atmosphere it creates; in the exquisite workmanship and refinement of detail of the individual pieces — pieces whose historical associations are as much a part of our American inheritance as our great traditions in literature and government.

And these things need no special setting. They are so direct and genuine that they bring the truth of tradition and hidden values of construction to all homes where

good taste, quaint interest, and comfortable dignity are valued.

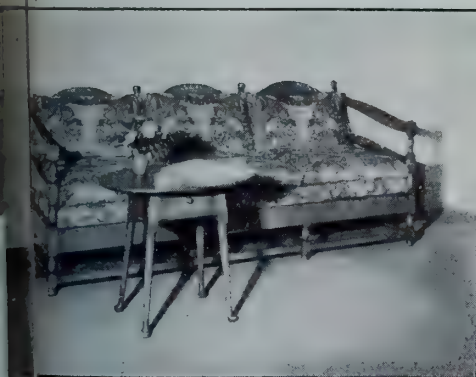
Every householder, whether living in an apartment or private dwelling, can experience in Danersk Furniture the joy of interiors where each room has its definite message, and each piece of furniture its association with something worthy of regard.

The range of our productions includes groups and pieces for all the important rooms of the house.

The only places where a complete display of Danersk Furniture may be seen are listed below.

The problem of the proper selection of furniture for your home is an important one, and worthy of the best consideration. A visit to our showrooms will more than repay the time spent there.

Call now, without obligation to purchase. Immediate delivery can be made to any section of the country.



Sun room couch, so constructed to be useful as a day bed. Oval maple coffee table, American 1690



Sheraton Settee of simple dignity and comfort, faithful in all its details of design to the best of the Eighteenth Century. Drop leaf coffee table of painted satin-wood (\$50)



Pendleton bedroom group, inspired by interesting originals of the earliest period of American design

ERSKINE-DANFORTH CORPORATION

383 Madison Avenue, New York

Opposite Ritz-Carlton Hotel

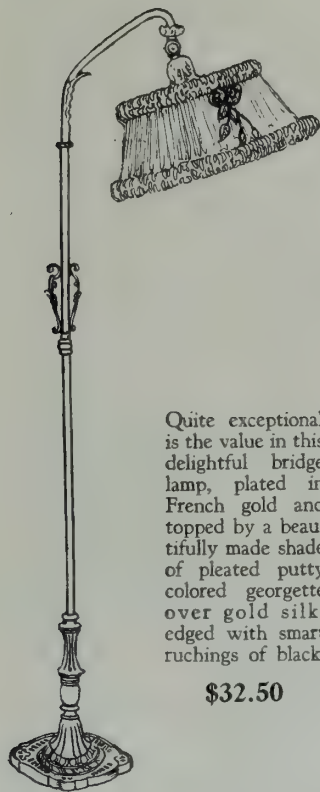
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2869 West Seventh Street

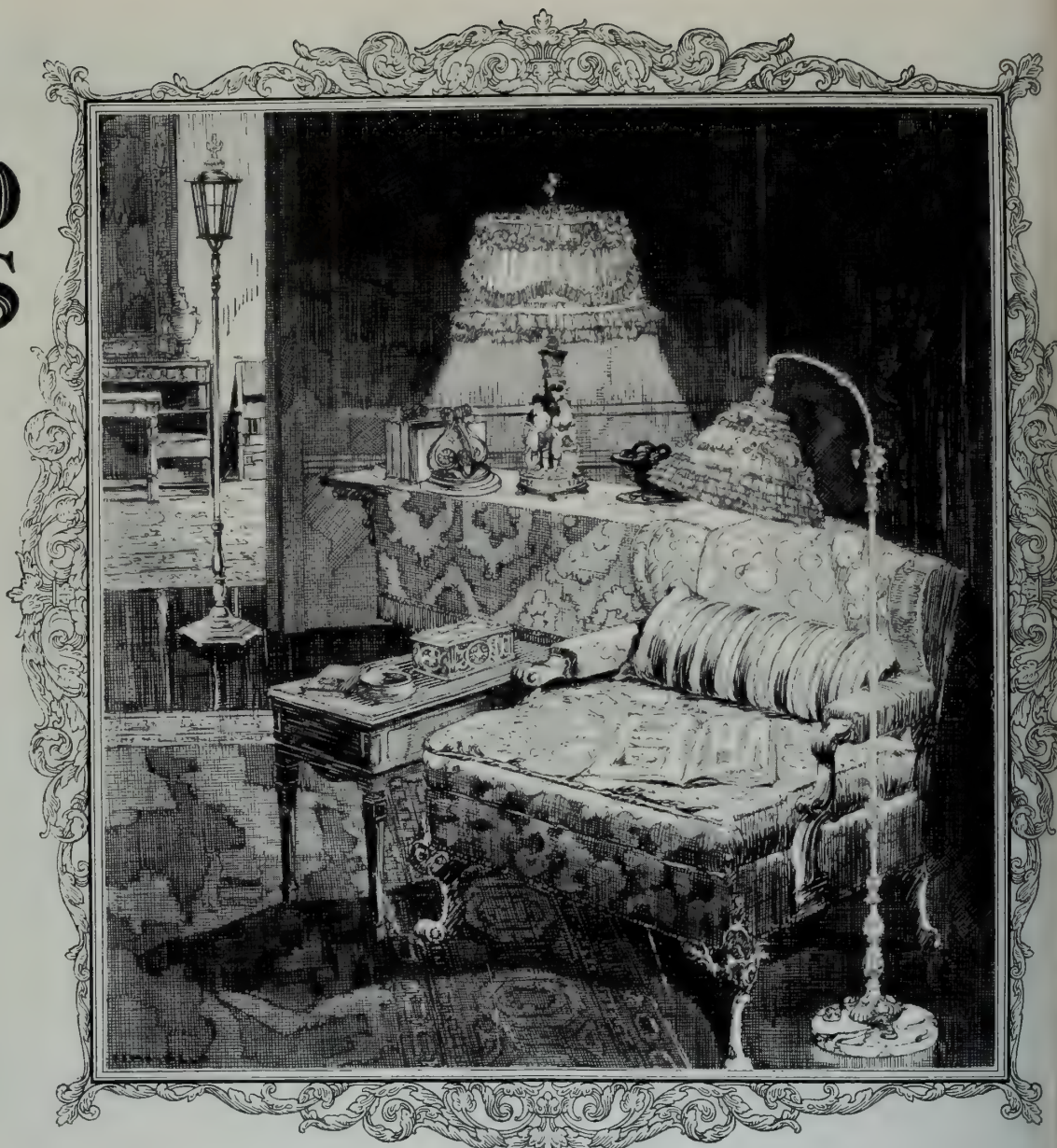


ALMCO LAMPS



Quite exceptional is the value in this delightful bridge lamp, plated in French gold and topped by a beautifully made shade of pleated putty colored georgette over gold silk, edged with smart ruchings of black.

\$32.50



Quaint Dresden figures, mounted in gold-plated metal, form the base of this beautiful lamp. The shade is of gold cloth, with prim pleated ruffles of antique gold lace and handmade flowers.

A lovely symphony in peach and gold tones is the bridge

lamp with metal standard, plated in French gold and peach color, mounted on a Yavapai onyx base and twined with Dresden flowers. The color scheme is completed by a shade of peach taffeta over gold silk, edged with shaded brown grosgrain and green velvet ribbons and finished with silk floral sprays.

Introducing a new Lamp fashion

From the Almco Studios, where a large proportion of the authentic lamp fashions has originated in recent years, comes the announcement of a new type of lamp—the metal base with a plated finish simulating antique or bright gold, silver, French bronze, English brass, Swedish iron or other effects. With this handsome finish are combined ornaments of Yavapai onyx or Dresden china or delicate vases of etched or colored glass. Like all Almco Lamps, each of these lovely new creations is designed as a complete unit, with base, shade and all details of line, color, trimming and finish in entire accord.

Would you like to see these charming lamps? Ask for them in any of the better stores. Dealers will gladly show you all the smart new styles, with the beauty of workmanship and artistry of design that have made Almco Lamps known the country over as "America's most beautiful lamps." You can identify Almco Lamps by the Almco tag or label on base or shade. Write for our free booklet, "What Good Taste Decrees in Lamps."

If you contemplate visiting New York or Chicago, ask your dealer for a letter of introduction to our beautiful show rooms.

A slim vase of pink Yavapai onyx mounted in plated gold on an onyx base forms this charming lamp. Terra cotta taffeta over marigold silk and heavy antique medallions are used for the shade.



Pink Yavapai onyx, mounted in gold-plated metal, used in the base and shade of this handsome lamp. The shade is of pleated rose cloth over rose silk, edged with turquoise velvet ribbon, and stunning floral tifs on puffing of gold c.

ART LAMP MANUFACTURING COMPANY

Display Rooms

Dept. B

Almco Building, 1433 South Wabash Ave., Chicago • 306 Fifth Ave., at 31st Street, New York

A good wood for Good Furniture

FURNITURE of character is the secret of tasteful appearance and liveableness in our homes—correctly proportioned, of good wood, good design and construction, carefully chosen to fit the room and its furnishings. It is not a question of cost, as reasonably priced articles, if properly designed and made, are objects of real beauty and lasting value. They are an investment in good taste.

From earliest times to the present, furniture making has been an art, practiced by master craftsmen who took the best motifs from periods which had preceded them, created new types of their own, and transformed objects of utility under the inspiration of their genius.

We today profit by their leadership, and in modern furniture we find the ideals of the past adapted to our own requirements, and expressed in the many fine cabinet woods which Nature has so generously provided.



WOOD is Nature's gift to man—a material we like to touch, and live with; and we draw liberally upon the wealth of Nature to enrich our homes.

American Gumwood, the product of our Southern woodlands, contributes its distinctive texture and coloration; it enjoys a proud place in the family of accepted cabinet hardwoods.



All Gumwood construction, except ornamental panels

The carved posts and stretchers of this exquisite table are Gumwood, finished to harmonize with the surface wood used



American Gumwood is one of the woods of highest value in the making of good furniture.

A Most Useful Wood

Leading manufacturers have adopted Gumwood in the construction of their finest suites, utilizing the most diversified woods. In fact, no better furniture as regards appearance and durability can be made than that

in which Gumwood has been generously and suitably used.

Its working qualities make it highly suitable for use with other woods—for all solid parts, such

as legs, posts, and member supports of all kinds, as well as for designs calling for all Gumwood. There is a warmth in the native hue of Gumwood which suffuses itself through any finish applied; the result is elusive, delicate, and very beautiful. And there is also perfect harmony in effect, for Gumwood takes a finish in conformity with other cabinet woods, with which it is used.



Gumwood legs and crosspieces support a richly inlaid top of selected hardwoods



Gumwood for solid parts permits extra value in design, finish, and treatment of other woods used for surfaces

In the building of a home, different woods are used for joists, siding, floors, paneling, and other decorative or structural elements, each selected for the work to which it is best fitted. Architect and builder are relied upon to know the material that will best serve.

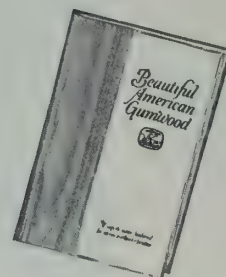
Trust the Maker

So, too, in the making of good furniture, manufacturing craftsmen know woods, and which to use for definite purposes and effects. They appreciate the properties of all woods, and the widely accepted use of Gumwood by masters of their art is its best endorsement.

A M E R I C A N G U M W O O D



Retail furniture stores the country over offer for sale good furniture in which American Gumwood is used. They so advertise it, and endorse it to the public



Mail Coupon for Booklet

This booklet covers in more detail the accepted use of Gumwood in furniture. It contains also full page color plates suggesting the decorative possibilities of this wonderful wood for paneling and interior woodwork. Free on request.

GUMWOOD SERVICE BUREAU of the HARDWOOD MFRS. INSTITUTE
Bank of Commerce Bldg.
Memphis, Tenn.

Please send me your booklet—
"BEAUTIFUL AMERICAN GUMWOOD"

Name.....

Address.....

City.....State.....

*New draperies of Merrimack
Sunfast Velour, designed by
CHAMBERLIN DODDS*

LUSTROUS AND
SUNPROOF
MERRIMACK VELOURS

GUARANTEED
MOTHPROOF
MERRIMACK VELOURS

MODERATELY
PRICED
\$3 A YARD AND MORE



SUN WILL NOT FADE THEM

THE Sunfast guarantee of Merrimack Velours is your assurance of durable color in your overdraperies. Their lustrous finish and closely woven pile attest their superfine quality. The price permits their use in any home where there is a desire for the beautiful and the latest style.

MERRIMACK MANUFACTURING CO., Lowell, Mass.

Lawrence and Co., *Selling Agents*

89 Franklin St., Boston

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IN FOSTORIA is everything you need to make your glassware service complete. . . . Dinner goblets and iced tea tumblers of course; sherbet glasses; compotes; bonbon dishes; candlesticks and bud vases; finger bowls; salad plates—many other lovely things. You do not have to spend a great deal of money to purchase very beautiful Fostoria glass. Fostoria also gives you the satisfaction of being able to match patterns and add new pieces to your set whenever you wish. Coin-gold encrusted ware; hand-blown etched crystal; iridescent, amber, blue, canary and clear green glass, Fostoria is sold in the finest shops. "The Little Book About Glassware" describes housekeeping assortments of glassware, tells the correct etiquette of the glassware service, suggests delightful gifts. Send for it today.—Address The Fostoria Glass Company, Moundsville, W. Va.

Fostoria

FINE CRYSTAL AND DECORATED GLASSWARE



Pitcher with matching iced tea glass (Virginia pattern), iridescent parfait glass. Every piece of glassware leaves our factory bearing this brown and white label.





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UNITED STATES RADIATOR CORPORATION

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We shall be glad to send you an illustrated booklet which fully explains the modern idea in house heating.

Capitol Boilers are made in a wide variety of types and sizes to meet the requirements of any heating need.

You will find them in great modern apartment buildings and modest cottages. Large or small, these boilers conform to one high standard of efficiency and one manufacturing ideal.

No heating plants can offer greater economy of operation or more impressive service records because Capitol engineering is as old as the industry—and as modern as current heating science.

A Capitol is a safe boiler to buy and a comfortable boiler to own. Many thousands of users will tell you just that—and any heating contractor will confirm.



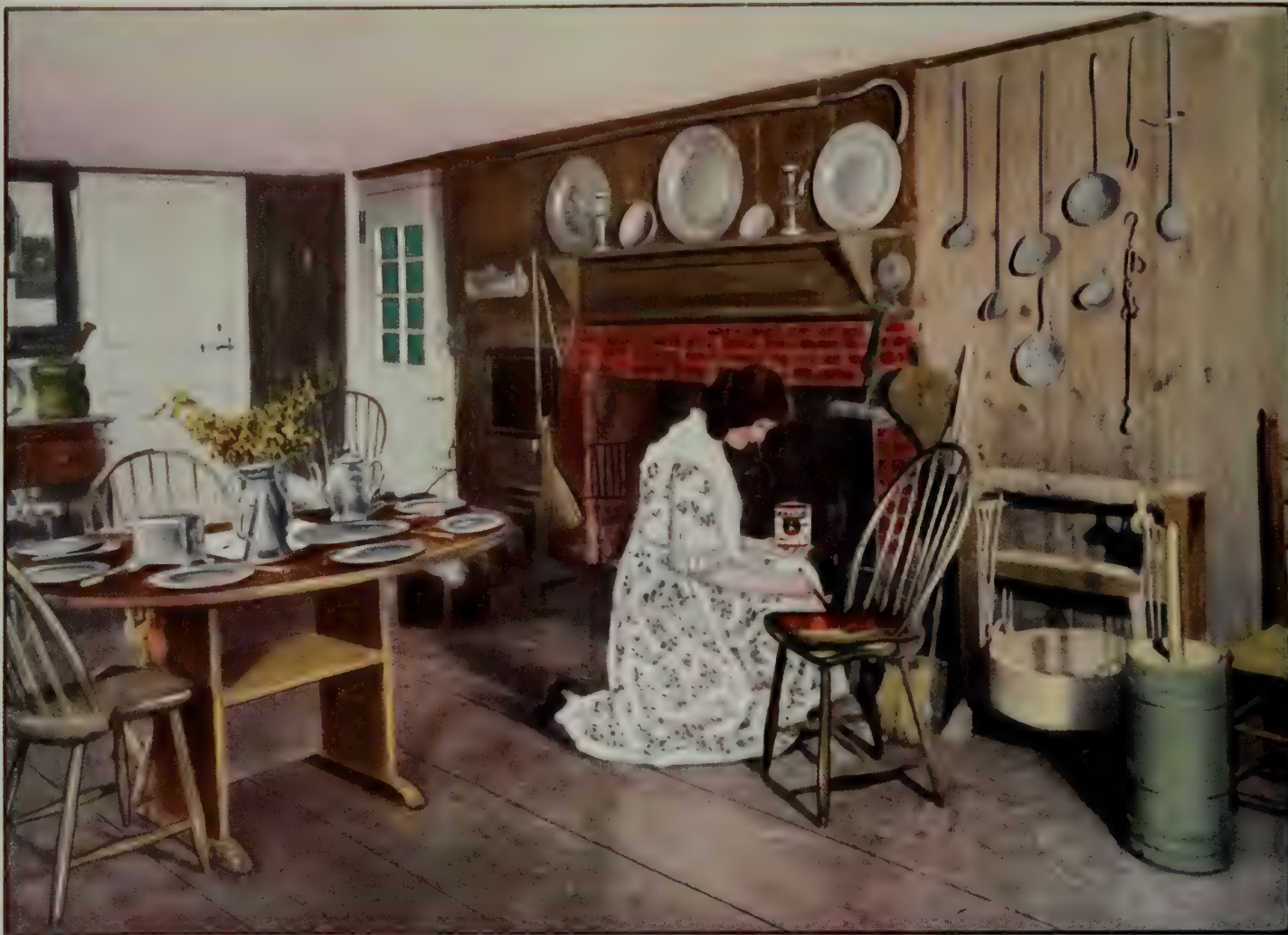
*The Wills Sainte Claire
Six Roadster*

Behind the wheel of a Wills Sainte Claire, the boys and girls of today are enjoying the same thrill, the same pride of possession their Dads and Mothers enjoyed astride the seven-gaited Thoroughbreds of Old Kentucky when Springtime was on the road thirty years ago. *o o o* The new Wills Sainte

Claire Six—with the charm, the appearance and the spirit of unconquerable youth—talks to youth in its own language. *o o o* Keenly alive and responsive; untiring and ready to go anywhere, anytime; the Wills Sainte Claire has won the heart of American Youth—it is America's most loveable car.

WILLS SAINTE CLAIRE, INC.
MARYSVILLE, MICH.





"Restoring an old treasure"

Save the surface and
you save all.



Color and Beauty— easily applied with **Kyanize**

So easy to use. A transparent, beautiful stain and a brilliant, durable, waterproof varnish ready to use without mixing, stirring or fuss—just dip the brush and apply—that's KYANIZE Floor Finish. Wherever there's a grain to be preserved, KYANIZE Floor Finish is the finish to use. Adds years to the life of hard woods. Gives color and beauty at the same time. Because it has been tested for toughness on floors is the very reason you should use it on chairs, tables, dressers,

desks and all kinds of furniture. Won't scratch white. Flows smoothly. Dries overnight.

Comes in clear varnish and eight attractive colors. Ask for KYANIZE Floor Finish at your dealer's or send for color chart and new book, "The Charm of Painted Furniture". Note our special trial offer below.

Results are guaranteed to be satisfactory or "money back for the empty can". Try refinishing with KYANIZE today.

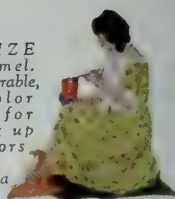
Special \$1. Trial Offer

If you cannot find a KYANIZE dealer in your locality, send us name of nearest dealer together with ONE DOLLAR and we'll send you prepaid a full pint can of KYANIZE Floor Finish and a good brush

to apply it. Mention color you prefer: Mahogany, Golden Oak, Cherry, Light Oak, Rosewood or Dark Mahogany, Walnut or Brown Mahogany, Colonial Green, Dark Oak, Natural or "Clear".

BOSTON VARNISH CO., 462 Everett Station, Boston 49, Mass.

KYANIZE Floor Enamel. A hard, durable, solid color enamel for covering up worn floors indoors or out. Gives a washable, beautiful surface that stands the wear. Nine popular colors. Color chart on request.



KYANIZE Celoid Finish, a smooth, easy-flowing enamel, gives a "hand-rubbed" finish to furniture. Comes in 9 pastel tints. Booklet, "The Charm of Painted Furniture", tells how it may be used. Send for it. It's free.



Kyanize

VARNISHES & ENAMELS for Floors~Furniture~Woodwork



L I S T E R I N E



Disease germs and
Listerine, the safe
antiseptic, simply
do not get along
together.

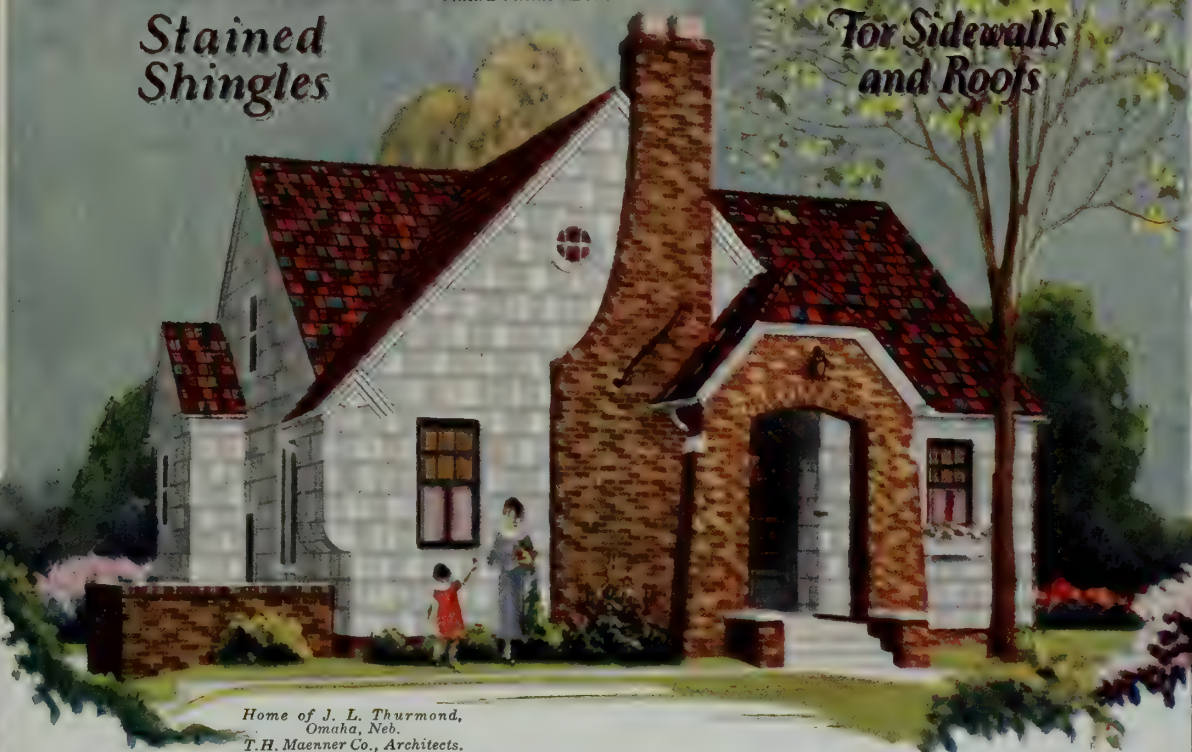
LAMBERT PHARMACAL COMPANY, SAINT LOUIS, U.S.A.
TORONTO LONDON MELBOURNE PARIS MADRID MEXICO CITY

"CREO-DIPT"

TRADE MARK REG. U. S. AND CANADA

*Stained
Shingles*

*For Sidewalls
and Roofs*



*Home of J. L. Thurmond,
Omaha, Neb.
T. H. Maenner Co., Architects.*

What an alluring picture that house of yours can be

BUILDING time is here again . . . The time that stirs in everyone the longing for a home . . . Not just a house . . . A home . . . A haven of contentment . . . The kind of a home that Creo-Dipt makes—beautiful—attractive—altogether livable.

There are innumerable wonderful Creo-Dipt shades. Blues like a Maxfield Parrish sky . . . Greens to match a carpet of grass . . . Reds of the sunset . . . The brown of burnished bronze . . . Soft rich grays in varied tones . . . And Dixie White of the old Southland.

Creo-Dipt Shingles are durable beyond words. They last a lifetime on

walls or roof. And for years to come you needn't worry about the paint problem. There is none. For Creo-Dipt colors don't fade in streaks but become soft and mellow with age, like fine old chintz.

Would you like a portfolio which contains 50 photographs of Creo-Dipt homes—large and small—designed by prominent architects? Send 25c for it today. Or, if you have an old house, grown dingy with the years, send for our free booklet, "Giving the Old House a New Lease on Life."

CREO-DIPT COMPANY, INC.
General Offices: 1018 Oliver Street, North Tonawanda, N. Y.
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*Plants located for easy shipping at North
Tonawanda, N. Y., St. Paul, Minn.,
Kansas City, Mo., and Vancouver,
B. C. Lumber dealers everywhere carry
Standard Creo-Dipt colors in stock.*

*Home of Edward M. Deane,
Grand Rapids, Mich.
Kenneth Welch, Architect.*

© C.-D. Co., Inc., 1925



*This portfolio includes 50
large photos of beautiful Creo-
Dipt houses. You will find it full
of interesting suggestions.*



Your RUST risk is 3 times your Fire risk

You insure your home against fire—but how about insurance against Rust?

If fire insurance is logical, Rust insurance is even more so because the annual loss from Rust is *three* times the fire loss.

The only way to banish rust is to use Copper, Brass or Bronze for all exposed metal parts—for *these metals cannot rust.*

Anaconda Brass Pipe insures a full flowing supply of clear water from every faucet in the house. Rain gutters and leaders of Anaconda Copper will eliminate all painting and repair expenses. Window and door screens of Anaconda Antique and Golden Bronze Wire will last a lifetime.

Descriptive literature will be gladly sent on request.



This trademark identifies the products of the world's largest manufacturers of copper, brass, bronze and nickel silver.

Every step in the manufacture of Anaconda products, from the mining of the ore to the finished product, is under the co-ordinated control of a single organization.

THE AMERICAN BRASS COMPANY

GENERAL OFFICES: WATERBURY, CONNECTICUT

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Canadian Mill: ANACONDA AMERICAN BRASS LIMITED, New Toronto, Ontario

ANACONDA COPPER BRASS ANACONDA BRONZE





Find hidden treasures in your home

Some facts to guide your search

YOU will surely find treasures when once you own your own home. There is the joy of possession, the pride of having things just as you wish them, the satisfaction of adding to and developing as you yourself plan. But there is more even than this.

One of the greatest treasures is hidden—the jewel of permanent satisfaction. It is sought by all home owners, and found by those who look below the surface when buying or building. Its attainment means freedom from frequent repair bills, the lessening of depreciation, the preservation of original value.

How to get Permanent Satisfaction, whatever you build

[1] Get Dependable Materials

Reputation for dependability has made Lehigh Cement the largest-selling cement in the world. Last year, contractors, engineers, architects and owners used over 68 million sacks.

In buying building materials remember this point:

The dealer who insists on carrying Lehigh for you, often does so in the face of constant pressure to offer you the "just as good" brand. Is it not reasonable to expect such a dealer to protect your interests in other ways also by handling a line of thoroughly dependable materials? Let the Blue-and-White Lehigh Sign guide you to a reliable dealer.

[2] Get Competent Workmanship

Even with the best materials you can get poor results unless you secure competent workmanship.

A good contractor will save you money through skilful building economies. He will put quality both where it can be seen at the start and also where it will be noticed for its low repair expenses in the years to come.

A point to remember in choosing a contractor:

The contractor who insists on dependable materials is likely to hire competent help and to put skill and dependability into all that he does.

LEHIGH PORTLAND CEMENT COMPANY

ALLENTOWN, PA. BIRMINGHAM, ALA. CHICAGO, ILL. SPOKANE, WASH.



Look for this Blue-and-White Lehigh Sign, known from Coast to Coast, the mark of the reliable dealer. He sells permanent satisfaction.

Make Concrete of LEHIGH CEMENT for Permanent Satisfaction

- Barns—for low upkeep
- Benches and sun dials—for beauty
- Cellar floors—to keep dry, clean
- Cisterns—to keep water pure and fresh
- Clothespole posts—to prevent rot
- Cold-frames and hot beds—for early crops
- Drains—for permanent improvement
- Driveways—for appearance and safety
- Farm buildings and improvements—ask for our special Farm Booklet
- Fence posts—to save money
- Floors—for economy
- Footings—to save old buildings
- Foundations—for permanence
- Fountains—for attractive appearance
- Garages—for greater fire safety
- Garage floors—for highest utility
- Gate posts—to avoid repairs
- Gutters—for better drainage
- Homes—ask for special Home Booklet
- Pergolas—for ornamentation
- Porches and porch posts—for economy
- Poultry houses—for permanent, sanitary housing
- Roofs (tile)—for beauty and low upkeep
- Septic tanks—for necessary sanitation
- Sidewalks—to keep houses clean
- Stairs and steps—for permanent safety
- Stucco—for beauty and low upkeep
- Swimming and wading pools—for clean swimming
- Tennis courts—for accuracy, durability
- Urns and flower boxes—for decoration
- Walls—for permanent protection
- Water tanks—to protect water supply
- Well covers, linings and platforms—for permanence and sanitation

FREE Booklets

If you want information on any of the above, check the subjects in which you are interested, sign your name and address, and mail to us or your Lehigh dealer. You will receive, free of cost, our bulletins and booklets.

Name

Address

18-E



Preston shingles give distinction to your home

THE mellow tints and distinctive design of Preston Hexo-Diamond Shingles combine to give character to your house whether a cottage, a bungalow or a mansion. The soft colors of the slate and stone surfacing material harmonize perfectly with the color scheme of any house and the effect is like a roof fashioned by nature, herself.

Preston Hexo-Diamond Shingles produce a design which is a series of uniform hexagons. This unusual pattern gives an air of individuality to your house.

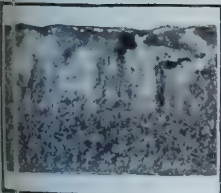
Preston Shingles are made in three thicknesses, Standard, Extra-Heavy and Massive. The Massive is much thicker than any other slate-coated asphalt shingle on the market. This thickness not only adds to the appearance but to the life of a Preston Roof and it produces the distinct shadow line that architects insist upon. In addition to the Sunset blend, Preston Shingles are made in three solid colors, red, blue-black and green.

We shall be glad to give you the name of a dealer or contractor who can supply you with Preston Shingles.

KEYSTONE ROOFING MANUFACTURING COMPANY, York, Pennsylvania

Dept. B3

Preston ROOFING



MICROSCOPIC ENLARGEMENT

THE wearing qualities of Preston shingles depend not only on the quality but on the quantity of asphalt which each shingle contains. If you examine the edge of a Preston Shingle, you will notice that it is practically solid body of asphalt. This feature of Preston Shingles accounts for their remarkable wearing qualities.



The Guardian of Your Comfort

Does he wear the armor of rusting insect screen cloth?

Buzzing, stinging pests are sure to find the rust-holes. No chance, then, for comfort at meal-time, for pleasure in reading, for unbroken

rest at night. Let BRONZE or COPPER insect screens securely guard your comfort. They do not rust.

COPPER & BRASS
RESEARCH ASSOCIATION

25 Broadway - New York

ASK FOR USEFUL BOOK S-5 ABOUT SCREENS. NO CHARGE

RPER

For a Single Cottage or For a Group



at Gerritson Beach, near Brooklyn, L. I., a new development is nearing completion—the development of Gerritson Beach, Inc., and Realty Associates. Every wall and ceiling in these more than 200 homes is made of Sheetrock. The illustration is a bird's-eye view from an actual aerial photograph.

You may be planning a neat new summer cottage at the beach or in the mountains, or possibly joining with a number of your friends to build an entire little summer colony, or some similar group of buildings.

In any of these events, it will pay you to use Sheetrock, the *fireproof* wallboard, for the walls and ceilings.

Then you will enjoy every advantage of easy, quick, and *permanent* construction at low cost.

Sheetrock is made of pure gypsum, rigid, non-warping, and a natural insulator. It comes in broad, high sheets that need only to be nailed to the joists or studding. Takes any decoration perfectly—wall paper, paint, panels, *Textone*, the new USG decorative wall finish.

Your dealer in lumber or builders' supplies sells Sheetrock. Only the United States Gypsum Company makes it. Our illustrated booklet—"Walls of Worth"—pictures its many economical uses in new construction, alterations and repairs. Write for a free copy and a sample of Sheetrock.

Sheetrock is inspected and approved as an effective barrier to fire by the Underwriters' Laboratories, Inc.

UNITED STATES GYPSUM COMPANY

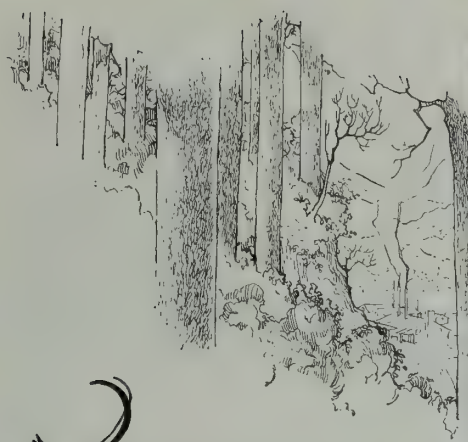
General Offices: 207 West Monroe Street, Chicago, Illinois

SHEETROCK

The **FIREPROOF** WALLBOARD

Reg. U. S. Pat. Off.

Be Careful Before — Instead of Sorry After You Build!



Living room in beautiful suburban home of M. M. McLeish, 2466 Bryden Rd., Columbus, Ohio, floor-d with Ritter Appalachian Oak Flooring, Strip Pattern.



Interior trim made of Appalachian Oak likewise possesses the same qualities of beauty and economy that characterize Ritter Flooring.

Note for Architects

The standard rules for grading Oak Flooring give consideration to such imperfections as knots, worm holes, sap, splits, and similar defects but they do not consider the grain, texture and color of the flooring. Therefore, to be assured of beautiful Oak Floors, it is necessary to specify, in addition to the grade desired, that the flooring be manufactured of **Highland Oak**. The easiest and safest way is to ask for Ritter Appalachian Oak Flooring.

FAILURE to exercise care in the selection of a good brand of Oak Flooring for your home will result in a daily reminder, after its completion, of the mistake made. By exercising care in the selection of flooring, you can obtain beautiful floors such as every prospective home builder admires and seeks.

The great difference in the qualities of Oak Flooring is not generally known. Consequently, it is only natural that many home builders, assuming that all Oak Flooring is alike, buy indiscriminately, accepting what is offered.

Much of the flooring on the market today is coarse in grain, uneven in texture and ununiform in color. Oak that makes beautiful floors must be fine in grain, of close, even texture, and uniform in color. Such material is produced in the Appalachian region, famous for its excellent Oak, from which all RITTER Oak Flooring is manufactured. This Appalachian timber possesses the essential qualities necessary in the construction of beautiful floors.

Ask your dealer for it or suggest to your architect that he specify it. Each piece of Ritter Appalachian Oak Flooring is branded on the back with the words "W. M. RITTER LBR CO."

W. M. RITTER LUMBER COMPANY

America's Largest Producer of Hardwood

GENERAL OFFICES: 115 E. RICH ST., COLUMBUS, OHIO

H. G. 5

W. M. RITTER LUMBER CO.,
COLUMBUS, OHIO.

Gentlemen:

Kindly send me, without obligation, your valuable booklet explaining the importance of the floors in a home, how to lay flooring and the points of Superiority of Ritter Appalachian Oak Flooring.

Name

Address

City

Mail the Coupon

For full information and seeing the many advantages of Ritter Oak Flooring, ask your lumber dealer to mail the coupon opposite and receive free our attractive booklet.

RITTER
APPALACHIAN OAK
FLOORING

T H I S I S A S T U D E B A K E R Y E A R



SO-CALLED "exclusiveness" in motor cars is generally nothing more than limited production—and that means high prices.

The new Studebaker Big Six Sedan is built complete by Studebaker—body and chassis—

in company with other models, in large volume with only one manufacturing cost. This explains its very low price—

\$2575, f. o. b. factory, including front and rear bumpers and extra balloon tire.



Why You can Cut Coal Bills with a Thatcher Round Boiler

"IT ISN'T the initial cost—it's the upkeep!"—true of heaters as well as of motor cars. Poor heating equipment wastes fuel and places the cost of heating the home entirely out of proportion to other expenses. It makes economy virtually impossible.

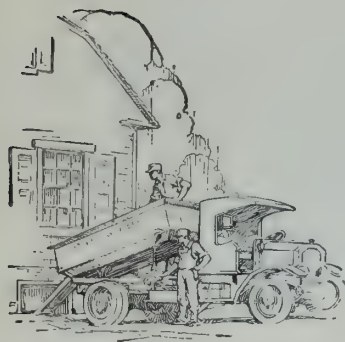
The surest way to really cut fuel bills is to install a Thatcher Round Boiler. Once it is properly installed in the basement and begins operating, you'll notice the difference in coal consumption.

The reason why fuel lasts longer in a Thatcher Round Boiler is because it extracts practically every heat unit from the coal. The special "Staggered Fire Travel" uses all valuable hot gases to heat the house instead of allowing them to go to waste up the chimney.

Because of its conservative rating, the Thatcher Round Boiler does not *overheat* or *underheat* the house, but keeps every room at a consistent and comfortable temperature. Before each boiler leaves the plant, it is subjected to the most rigid tests, which insures perfect operation when installed.

Back of every Thatcher Boiler stands seventy-five years experience and a guarantee of perfect heating satisfaction.

Write for the Thatcher Boiler Booklet. It will be a helpful guide in selecting your new heating equipment.



THE THATCHER COMPANY

Formerly Thatcher Furnace Co.

Since 1850

19 West 44th St.
New York City

39-41 St. Francis St.
NEWARK, N. J.

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Chicago, Ill.

THATCHER

BOILERS • FURNACES • RANGES



Individuality in Floors

IN the hall, dining room and living room of this distinctive New York residence, the decorator used Stedman Flooring in order to secure the same degree of individuality in the floors that has been put into the other factors of decoration.

Individuality in Stedman Flooring is not merely a matter of the soft colorings, pleasing designs, warmth and durability which are built into the reinforced rubber, but rather a matter of an intangible factor—an active use of the imagination.

An imagination which in making and laying well over 2,000,000 square feet of flooring has initiated new designs and color combinations—an imagination which enables us to give each client a certain individuality in floors.

J. S. Stedman
NATURIZED FLOORING
PATENTED

STEDMAN PRODUCTS COMPANY

"Originators of Reinforced Rubber Flooring"

SOUTH BRAINTREE, MASSACHUSETTS

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218 South Wabash Avenue
CHICAGO

4 Park Street
BOSTON

1217 Book Building
DETROIT

1524 Chestnut St.
PHILADELPHIA

461 Hippodrome Annex
CLEVELAND

Manufactured and sold in

Canada by the Gutta Percha and Rubber Co., Toronto

Typical Stedman Floor Installations

BANKS

Pacific Bank, New York City
First National Bank, Detroit
Federal Reserve Bank, Philadelphia
McKim, Mead & White, New York
Mayor's Office, Quincy, Mass.

CHURCHES

St. Gregory's Church, Philadelphia
Christian Science Church, Cleveland
Grosse Point Country Club, Detroit
Elks Club, Philadelphia

HOSPITALS

Children's Hospital, Columbus
Fifth Avenue Hospital, New York

HOSPITALS

Jefferson Hospital, Philadelphia, Pa.
Baylor Hospital, Dallas, Texas

HOTELS

Ritz-Carlton, New York City
Tuller Hotel, Detroit, Mich.

RESIDENCES

References on request
SCHOOLS AND COLLEGES
St. Mary's Seminary, Cleveland
High Schools, Denver
Public Schools, Boston

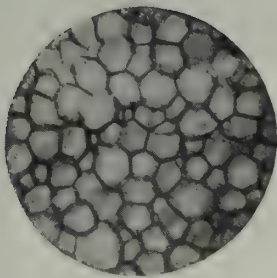
SHOPS

Stetson Hat Store, Philadelphia
Nettleton Shoe Store, New York
Russek Beauty Shop, New York City

Stedman Flooring
as used in
a New York Residence
by Helen Speer, Decorator

Stedman

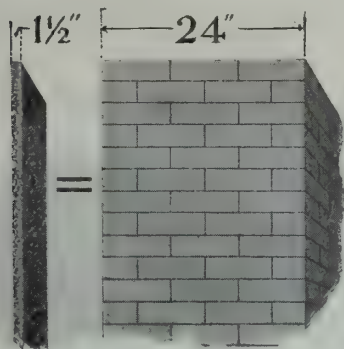
REINFORCED RUBBER FLOORING



Cork is made up of millions of microscopic cells, each one containing a bit of air. These cells are so small and are so tightly sealed that the air in them is "dead," i. e., it cannot circulate. "Dead" air is the best heat insulation known except a vacuum.



Armstrong's Corkboard is strong, light and easy to handle. It is sawed like lumber. It is nailed against frame construction or put up in Portland cement mortar against brick, stone, concrete or hollow tile.



One and one-half inches of Armstrong's Corkboard is equal in insulating value to a 24-inch brick wall. Yet it costs no more than good lumber. No expenditure will buy more comfort and economy than the investment in Armstrong's Corkboard Insulation.



The upstairs is just as comfortable as the downstairs in a house insulated with Armstrong's Corkboard. Insulation makes the attic livable in hot or cold weather and adds one or more rooms to your house. A warm upstairs in winter means fewer drafts, too.

Armstrong's Corkboard is made of pure cork, the outer bark of the cork oak tree, a native of Spain, Portugal and northern Africa. Covering trunk and branches, it prevents the sun's rays and parching winds from drying the sap and killing the tree.



Made in boards 1 inches by 32 or 3 inches—from 1 inch to 3 inches thick.

Line Your House with Cork

Cork insulated houses are cool in summer—warm and easy to heat in winter—upstairs rooms are as comfortable as downstairs the year round

BRICK, tile, stone, wood, slate and shingles are not heat insulators. They are conductors; heat goes right through them. That is why most houses are warm in summer and require so much fuel in winter. They need to be insulated (like refrigerators and fireless cookers) to keep the heat outside in summer and inside in winter.

Armstrong's Corkboard Insulation has 16 times the heat-retarding value of brick. A house insulated with cork is cooler in summer. It is more easily and uniformly heated in winter with a smaller plant and with a fourth to a third less fuel. It is a more comfortable, healthful and economical house to live in and has a higher resale value.

Armstrong's Corkboard is by no means a new material. On the contrary, it has been used in the industries for over twenty years and has proved to be the most efficient,

practical insulation known for keeping heat where it belongs.

Armstrong's Corkboard costs no more than good lumber. It is easily put up against frame or masonry construction. It takes and holds plaster permanently without lath or furring strips.

A house lined with Armstrong's Corkboard is a house insulated against summer heat and winter cold at a cost so small that *fuel savings alone* will pay it all back.

Write for further information. The 40-page book, "Insulation of Dwellings with Armstrong's Corkboard" will be sent free to who are building or remodeling houses or apartments. Armstrong Cork & Insulation Company (Division of Armstrong Cork Company), 193 Twenty-Fourth Street, Pittsburgh, Pa., or McGill Building, Montreal.

Armstrong's Nonpareil Corkboard Insulation

for Residential, Commercial and Industrial Buildings



The Beautiful Residence of James A. Farrell, South Norwalk, Conn. is Jewett Equipped—so are these homes:

Sen. W. A. Clark	New York
Cornelius Vanderbilt	New York
John D. Rockefeller, Jr.	New York
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Vincent Astor	
George Eastman	Rhinebeck, N. Y.
Payne Whitney	Rochester, N. Y.
Marshall Field, 3rd	Manhasset, L. I.
Seth Thomas	Huntington, L. I.
J. Ogden Armour	Morristown, N. J.
Harold F. McCormick	Chicago, Ill.
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Mark A. Hanna	Akron, Ohio
William S. Colby	Cleveland, O.
James Parmelee	Washington, D. C.
Wm. M. Van Leer	Washington, D. C.
Henry Ford	Philadelphia, Pa.
Sen. W. Murray Crane	Detroit, Mich.
King C. Gillette	Dalton, Mass.
	Los Angeles, Cal.

The Jewett is Part of the Party

The Jewett Refrigerator is invitingly hospitable on any kitchen party.

Q For it not only keeps food in a perfect, healthful state of preservation, always—but it lends a tone of refinement—a suggestion of discriminating taste—and an impression of everlasting quality.

Q You can always feel that your kitchen is in keeping with the rest of your home—and that your guests will be favorably impressed—for Jewett fineness is beyond comparison. Q Your inquiry will bring complete information on Jewett Refrigerators.

THE JEWETT REFRIGERATOR COMPANY
123 Chandler Street Established 1849 Buffalo, New York (10)



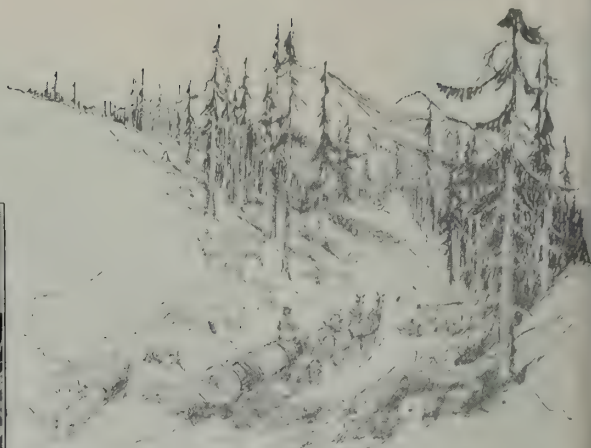
Each Jewett compartment is solid porcelain with full rounded corners.

JEWETT

SOLID PORCELAIN REFRIGERATORS



From Nature's storehouse was hauled the oak which beautified the home of Mr. J. Harold Peterson, Toledo, Ohio



Your floor -the underlying secret of harmony

A GUEST enters your home. Even while greetings are being exchanged the eye takes in unconsciously the arrangement of furniture, beauty of pictures, color harmonies in woodwork and hangings, the richness of rugs, and, underlying it all—the floor.

Later, as details impress themselves, the visitor is conscious of the real foundation of the pleasant atmosphere you have created in your home. "What a beautiful floor!" "How oak enhances the charm and dignity of this room!" Such words may well express the unspoken thought.

Yes, Bruce oak flooring, made with the utmost regard for accuracy and uniformity from selected timber, reflecting the beauty of Nature in every dancing light and shadow, earns for you this tribute.

Wide range of choice

If you are about to build, or remodel your present home, there is considerable latitude in the kind of Bruce oak flooring you may select, and in the new color finishes which may be applied. You may choose white or red oak, plain or quarter-sawn, narrow or wide strips. Each has its characteristic effect, and interesting variety may be secured by treating each room differently. Various patterns of "design" flooring, such as herringbone (shown in the illustration), squares, or basket weave, add the final touch of elegance to the main living rooms of your home.

First impressions will be favorable, when your floor is "Bruce."



BRUCE

Bruce oak flooring, and Bruce "Ceda'line", aromatic Tennessee cedar lining for clothes closets, are sold nationally through lumber dealers everywhere.



THIS book tells you about the convenience, economy and attractiveness of Bruce oak flooring. The ease with which it may be kept clean and bright; the enduring qualities; the increased value added to your home; appropriate use of various grades and widths, with practical suggestions for different rooms; distinctive effects which may be obtained from color finishes. 24 pages of interesting facts, fully illustrated. Write today for your free copy.

E.L. BRUCE COMPANY
MEMPHIS TENNESSEE

LARGEST MAKERS OF OAK FLOORING IN THE WORLD

Boy-Proof Floor Varnish



Good for 1,000,000 Steps Liquid Granite!

That Berry wagon you had when you were a child was finished with one coat of Liquid Granite Floor Varnish. Did it ever turn white? Did the finish ever crack, peel or chip?

It was just a quick, "once over" job on a little toy wagon . . . but it stood all of the punishment that weather, hard usage and the neighborhood children could give it.

when you were a child you may have been one of the first to discover that hammer blows would dent the wood but not mar the finish.

That same durable, wear-resisting varnish is what you should use on your floors now.

You know all about Liquid Granite. You've known it since you were a youngster. And you know it is more than just water-proof . . . that it wears! Buy it for your floors and save the cost of frequent refinishing.

Back in your grandfather's time Liquid Granite was used on the hardwood floors of the best house in town, just as it is today. And



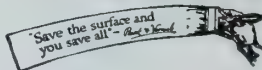
HERE'S THE DECORATING
BOOK YOU WANT

Make helpful suggestions for making home more delightful place to live are contained in this little handbook of decorative information. Just send 10 cents to Dept. "G" to cover mailing costs.
Boys and Girls: For a beautiful seven-color reproduction of the painting shown at the top of this page, suitable for framing, add a dime for postage to Dept. G.
Berry Brothers' dealer in your town will tell you where boys and girls get Berry wagons.

BERRY BROTHERS INC.

Varnishes Enamels Stains

Detroit, Mich. Walkerville, Ont.





"Our guests are amazed that so simple a device can so completely relieve us of all care of the furnace."

YOU CAN PROVE THIS IS THE RIGHT WAY TO HEAT WITH OIL



Torn bits of paper light and burn easily.

Law No. 1—
Oil Must Be Broken Up.



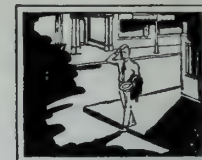
Held this way, the flame of a match
is clean and does not smoke.

Law No. 2—
Oil Must Burn in Mid-Air.



A match held in the air on a pin will
burn completely.

Law No. 3—Oil Must Be
Mixed With Air.



Reflected heat makes it hotter be-
tween big buildings.

Law No. 4—Oil Burns Best
in Reflected Heat.

Four new facts about oil heating

THIS is to people who loathe coal, but continue to use it. Who want an oil burner but are slow to accept them. Particularly to those who do not realize that the oil burner problem was solved six years ago.

Everyone once thought that oil heat was an experiment. But now Oil-O-Matic has given people a new conception of oil heating.

Proved for six winters

In more than 20,000 homes, Oil-O-Matic holds the same balmy temperature from fall to spring. Sudden zero blasts register no decline on their indoor thermometers. All this without their giving it a thought.

Their homes, they boast, are brighter and cleaner. No odor pervades their homes. No unpleasant noise is heard.

This is what Oil-O-Matic offers you and everyone with any type of good heating plant. In any size home or building.

Six years ago our engineers found four principles that were being disregarded. These explained the difficulties others were having in trying to heat with oil. No oil burner can ever be made to work right if its principle is wrong.

Then we built Oil-O-Matic. It was the first to make use of these laws. It cost us \$250,000 before we installed a single one in anyone's home. But now it has proved these laws for six winters. Not one single important change has ever been necessary.

The four laws demand this

No hot plates are used because oil must be nebulized, not vaporized. No part is inside the firebox because oil must burn in suspension to avoid forming soot. There's no manual control of dampers because an exact amount of air must be supplied. We line the firebox with brick because reflected heat assures better combustion. The four laws demand this.

There's no continuous pilot light. No adjustment is necessary if you change from one grade of oil to another. No worry about the oil not lighting or blowing out.

Nothing but constant, automatic heat, pure and simple.

Every installation guaranteed

So Oil-O-Matic is unlike any other device that burns oil. It will interest you to see this burner that has finally solved the problem. There is an authorized dealer near you. Let him give you a demonstration. He guarantees every installation he makes.

Oil-O-Matic is sold and serviced by trained heating men in about 800 cities. Most of them are graduates of the Williams Institute of Heat Research. They have experience, facilities, organization, and financial responsibility. They are backed by the largest producer of automatic oil burners in the world.

Send the coupon now for your copy of "New Facts About Oil Heating." After you read it you will never be content with any other way of heating your home.



This Coupon Brings the Book Free

Williams Oil-O-Matic Heating Corp.
Bloomington, Ill.

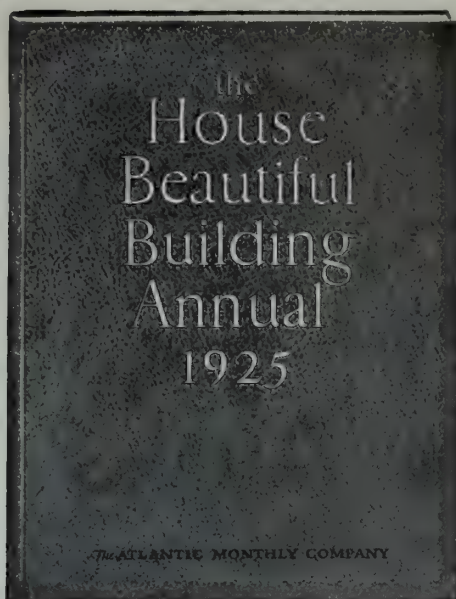
Send me FREE and POSTPAID your library edition of "New Facts About Oil Heating" and special basement plans for new homes.

Name.....

Address.....

Our heating plant is ☐ Steam ☐ Hot Water ☐ Hot Air

WILLIAMS OIL-O-MATIC HEATING



IN THIS ONE BOOK

Simply Everything You Want to Know
About the Building of Your House

PRICE \$1.50

Illustrated with blueprints, drawings, and
many photographs

*Don't miss this
It's the best yet!*

The
Atlantic
Monthly Co.
8 Arlington St.
Boston 17, Mass.

Gentlemen:

I enclose \$1.50
or, I will pay the post-
man \$1.50 plus delivery
charges, for my copy of The
House Beautiful Building Annual
for 1925.

Name.....

Address.....

HC-5-25

This entrance to a home in Sterling, Illinois, is an example of Curtis Colonial design

Has it ever occurred to you that the door in the entrance to your home is about the most important single thing in a house? It is the "divide" between the sacredness of your home and all the world outside. Everyone who comes to your door, standing waiting for its opening, gets from it an impression which they take in with them and later take away. It is the first and last thing in your house that they see and touch.

It can be a piece of perfection just as well as a mere something "to fill the bill cheaply."

This complete entrance is an example of Curtis Colonial designing. It is authentic in every detail. Made of white pine, the best wood there is for exterior use. The door will hang rigidly and stay that way. Built to stand the wear. It will take and hold the paint better. Everything about it is guaranteed because on it is stamped the Curtis trademark. That is why its beautiful simplicity, without a trace of pretense, charms all who look at it. Your dealer will furnish an entrance like this, C-100, with the exception of roofings, ceiling and rough material, for about \$110.00.



**1866
CURTIS**

This trademark appears only on Curtis Woodwork. It guarantees the choicest woods, high standards of workmanship and authentic design.

Any house can now have the best woodwork

YOU can now have the kind of woodwork throughout your home that you would expect to find only in costly houses.

Improved methods of operation have brought the cost down so that any house can have the best. A great organization of mills where they manufacture woodwork of the finest kind on a big scale, using only the best of the best woods, has made this possible.

A prominent firm of architects, Trowbridge & Ackerman, of New York City, have created designs whose superiority and authenticity are apparent.

It is sheer waste of money to put up with poorly constructed doors.

There is absolutely no excuse for putting windows that are cheaply made into the house you build.

The trim and moldings of your home can be of such high character that they will enhance the beauty of your interior decorations and the furnishings.

And you will not get all the fun there is to be had in living in your own home unless you have those wonderful accessories (built-in linen closets or china closets, for example) which mean so much in convenience and comfort.

In this manner Curtis Woodwork puts an added dollar-value into your home.

You can secure Curtis Woodwork east of the Rockies through lumber dealers who handle the line. Consult our catalog in the Curtis dealer's office. "Curtis Woodwork" (40 pages) contains valuable information. Write for it and for the name of the nearest dealer.

CURTIS WOODWORK

THE CURTIS COMPANIES SERVICE BUREAU

340 Curtis Building, Clinton, Iowa

Curtis, Towle & Paine Co. Topeka, Kansas
Curtis & Yale Co. Wausau, Wisconsin
Curtis, Towle & Paine Co. Lincoln, Nebraska
Curtis Bros. & Co. Clinton, Iowa

Curtis-Yale-Holland Co. Minneapolis, Minn.
Curtis Door & Sash Co. Chicago, Illinois
Curtis Sash & Door Co. Sioux City, Iowa
Curtis Detroit Co. Detroit, Michigan

Curtis Companies Incorporated Sales Offices: Pittsburgh, New York, Baltimore



Cozy Informality

A dining alcove is considered a necessity today in the modern home. It makes a cheerful, informal nook for a family meal. With Curtis construction they have the distinction of being solidly built of fine white pine with every detail of workmanship scrupulously done. It is real furniture. See other designs at the Curtis dealer's. This is design C-742; it is priced below \$35.00.

Convenience in a Kitchen

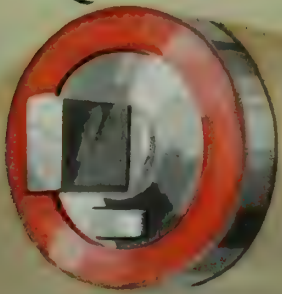
All this drawer and cabinet space forms a beautifully designed, permanent dresser. You simply can't afford to be without such an advantage in your home. Great variety of sizes is made possible by interchangeable parts.



A Door of Special Beauty

You get some idea of the distinctive beauty of Curtis Woodwork from this charming door photographed in a new home on fashionable Long Island, New York. Let the Curtis dealer show you the varieties of doors you have to choose from. C-301. Average size 1 3/4 inches thick, less than \$6.50.

Think of it! Window Shades can't tear loose
and can't "fly wild"- when mounted on
Edstrom **RED TIP**
Rollers



THE young Vandal at our left finds antique window shade rollers an easy prey to his more violent moods. If his mama had installed Edstrom Red Tip Rollers, little Rollo would have to do his wrecking out of doors.

MISS BETSY needed more light for her tatting. She tried to raise the shade. Her day was ruined. As you can see, the antique shade slipped from Miss Betsy's genteel fingers and "Flew Wild" as all of them did and still do if they happen not to be "Edstrom."



*The Edstrom Red Tip Roller
Solves the Window Problem*

THE automatic stop halts the shade before it can be pulled down far enough to rip and tear, and prevents "Flying Wild" if the shade cord slips. ¶ Edstrom Rollers may be stopped at every half turn of the roller. ¶ Stout, ample, honest construction throughout makes Edstrom "Red Tip" Rollers a *permanent* investment in home efficiency. ¶ No adjustments necessary. Shade length, spring tension and automatic stop are *permanently* adjusted at the factory. ¶ The better hardware and furnishing shops and department stores carry these substantial, perfected rollers.

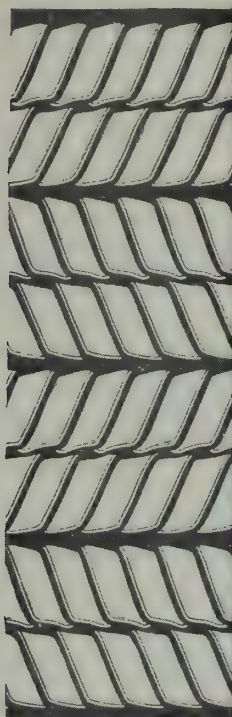
Look for the Red Tip

EDSTROM
RED  **TIP**
AUTOMATIC STOP
SHADE ROLLERS



EDSTROM
WETMORE
HENDERSON
CORPORATION
WARREN, PA.

Time Cannot Mar Herringbone Walls



This is a full-size reproduction of Herringbone Double Mesh Lath. Note the fine, plaster-saving mesh. Metal lath of Armco Ingot Iron is made only by The General Fireproofing Co.



BETTER PLASTERING

Member National Council for Better Plastering

Their Original Beauty is Permanent

THAT vandal Time—so abusive of ordinary interiors—deals kindly with ceilings and walls plastered over Herringbone Metal Lath. The original smooth symmetry remains unmarred throughout the years. The plaster becomes crack-proof—mar-proof—fire-resisting.

No one disputes the obvious superiority of metal lath. The skillfully designed fine cross web mesh of Herringbone gives a better, closer binding for the plaster than you can secure with any other kind or type of lath.

Herringbone comes in large, stiff, easily

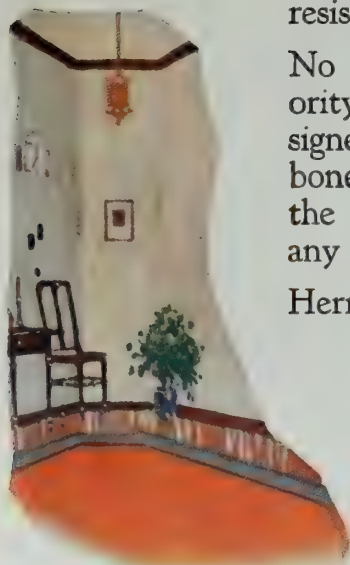
handled sheets of steel or Armco Ingot Iron. The plaster curls through and around the lath, giving an unyielding grip for every square inch of surface—a permanent, rigid reinforcement.

Your architect or builder will tell you that Herringbone walls cost little more than plaster on wood lath, and that they are actually cheaper in the end.

If you contemplate building—if you are anxious to cut the yearly upkeep cost of your new home—write for our booklet, "Building for Permanence and Beauty." You will find it exceedingly interesting and instructive.

THE GENERAL FIREPROOFING COMPANY, YOUNGSTOWN, OHIO
Branches and Sales Agents in Principal Cities

GF Herringbone
Rigid Metal Lath





The new Raufield, striped or in plain colors, 50 inches wide, for casement curtains or over-drapes.

Fadeless drapery fabrics . . . as practical as they are decorative and beautiful

IF YOU respond to rich and lovely colors—if you appreciate beauty of pattern and weave, you will find more interesting textiles in Europe or America today than in Orinoka drapery fabrics. But this beauty becomes doubly important when you find that it is *practical* as well.

Orinoka guaranteed materials can hang in the brilliant sunshine indefinitely—without affecting their colors in the least. And washing but renews their freshness. No matter how unusual or delicate the colors may seem—you can rest assured they

will not fade. These fabrics are hand-dyed in the yarn by an exclusive Orinoka process which makes them absolutely color-fast.

To be sure you get the genuine Orinoka, look for the guarantee tag which identifies them. If a material fades, the merchant from whom you bought it is authorized to replace the goods or refund your money. The better stores and decorating establishments carry Orinoka guaranteed drapery fabrics, gauzes and upholstery materials. There are patterns, colors and weaves suitable for every type of decoration.

May we send you a copy of "Color Harmony in Window Draperies"? A prominent New York decorator prepared this handsome booklet, which is full of valuable suggestions for draping windows and doors, and for bed coverings. Send us your address and 20 cents. The Orinoka Mills, 510 Clarendon Bldg., New York.



Orinoka

DRAPERIES & UPHOLSTERIES
COLORS GUARANTEED SUN & TUBFAST



FINE GLASS *by* STEUBEN

in COOL COLORS and QUAIN T CONTOURS

Graceful vases for your best blooms...tableware that adds zest to Summer entertaining...gifts of exquisite taste...all bearing the touch of Steuben master designing



IN all Steuben Glass, you will find that distinguished restraint and beauty, so prized by collectors of historical glass. Yet each piece serves its appointed purpose with welcome practicability.

Steuben Vases are studiously designed to harmonize with various flowers. There are forms and sizes to set off every bloom admirably, and rare colors that rival the beauty of the blossoms they hold, blending or contrasting with every garden tint.

For Summer dinner parties, luncheons and teas, Steuben has created a wonderful variety of attractive services. Salad and iced-tea sets in cool tones and interesting shapes...stately goblets in bright colors or clear crystal...exquisitely etched service plates...all brilliant aids to refreshing table arrangements.

And, if these suggestions kindle thoughts of gifts, remember that Steuben Furnaces make lovely sweetmeat jars, compots, perfume and cigarette boxes.

Steuben makes many practical service sets, executed in fine colors, like this one in translucent Jade Green. One may of course, use the various units separately.



Most flowers have a definite decorative character. Roses...graceful...stately...how well the Pomona Green and Amber vase would show them off. The Celeste Blue vase is designed for flowers of Japanese print character...gladioli...iris...delphinium...stalked blooms that look best in simple shapes.

Below are two quaint pieces admirably adapted for many small "cottage" flowers.



No matter what your choice in decorative glass, you will want only honest glass hand-blown and hand-modeled, as first glass has been made since history began and just as Steuben Glass is made today.

At glass and china shops, department stores, gift and jewelers' shops.

WRITE for this BROCHURE—

We will send, gratis, an interesting brochure on Steuben Glass, illustrating many pieces and replete with gift suggestions. Address:

STEUBEN DIVISION, CORNING GLASS WORKS
DEPT. H CORNING, N. Y.

FLOWER SUGGESTIONS by TOTTI'S - New York



Daffodils or tulips spring from this boater urn in Rose and Pomona Green, just as they spring from your garden bed. It is best to utilize the natural sweep of stems in decorating with this type of flowers.

STEUBEN GLASS

*Blown & Modeled at STEUBEN FURNACES,
CORNING GLASS WORKS, Corning, N. Y.*



Seeger

Original Siphon Refrigerators

are generally accepted as the

Standard of the American Home

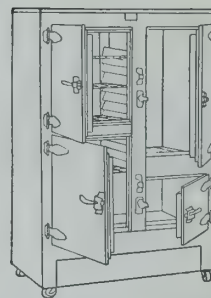
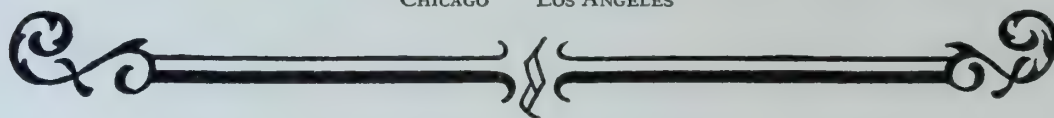
As good a refrigerator as the Seeger is worthy of electrical refrigeration.

Equally efficient with ice.

Representative Dealers in all Cities

SEEGER REFRIGERATOR CO.

SAINT PAUL NEW YORK BOSTON
CHICAGO LOS ANGELES



ATWATER KENT RADIO



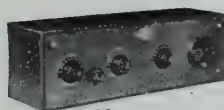
In the home of CHARLES and KATHLEEN NORRIS, novelists, the Model 20 Compact Atwater Kent Receiving Set is installed

Those who can choose *any* radio set

WE WERE showing a business man the plant in which we make Atwater Kent Receiving Sets and Loud Speakers.

"That polishing process must cost something in a year," he said. "Do people notice little things like that?"

His idea was entirely new to us. In twenty-six years of manufacturing electrical equipment, we have never considered what little things people notice.



MODEL 20

We have never considered *not* polishing the hidden parts which go into our radio apparatus. Whether people notice it or not, we



DE LUXE MODEL

shall continue to take off the rough edges which might make our sets less effective. We shall continue to take extra care in every operation.

We believe that Atwater Kent Receiving Sets and Loud Speakers are a little more satisfactory—to us, to our dealers, and to the final owners—than any other equipment on the market.

Perhaps that is one reason that so many people who can afford to choose *any* radio set, have chosen the Atwater Kent.



MODEL 10

ATWATER KENT MFG. CO. · · PHILADELPHIA, PA.



Water in Abundance ~ for Homes, Farms, Country Estates

WATER—fresh, pure and plentiful—is Nature's greatest boon to mankind. And the development of the dependable, modern water system now makes an abundant water supply available wherever men live—in the suburbs—on the farm—at summer resorts—even in the most remote districts. And at startlingly low cost.

MYERS

Self-Oiling Electric Water Systems

Are made for deep or shallow well service. They are automatically controlled, conserve power and are wonderfully efficient. *Self-starting—self-stopping—self-oiling.* Require no attention and remain in perfect order for years without repairs or adjustments.

For the summer cottage, suburban home or large or small country estate a Myers "Self-Oiling" Electric Water System or any other style of Myers Water System—for operation by hand, wind or gas engine, with capacities up to 10,000 gallons per hour—offer the *best way* to secure a generous water supply that is *instantly available*—at all times—and at bed-rock cost of operation.

See Your Dealer Today.

Write us for Catalog and Complete Details.

THE F. E. MYERS & BRO. CO.,

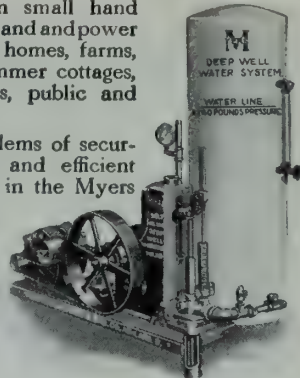
90 ORANGE ST.
ASHLAND, OHIO

*Manufacturers, for more than fifty years, of Myers Pumps for Every Purpose,
Hay Tools and Door Hangers.*

Quality Pump Builders —for More Than Fifty Years

Since 1870 the Myers organization has specialized in the manufacture of highest quality pumps for every purpose. We are the world's headquarters for pumps of all sizes—from small hand pumps to complete hand and power water systems for homes, farms, country estates, summer cottages, golf courses, resorts, public and private institutions.

We know the problems of securing a dependable and efficient water supply—and in the Myers "Self-Oiling" Electric Water Systems we have produced the perfect systems for every need. Whatever your pump or water system requirements may be, see the nearest Myers dealer—or write us direct for advice and information.



*The World's Headquarters
For Pumps and Water Systems*



Erected in two days with unskilled labor

HODGSON HOUSES are beautiful in design. Painted in attractive colors, they are admired by all who see them.

Careful construction is an underlying principle in the manufacture of Hodgson Portable Houses. The woods used are the strongest and most durable known—red cedar for the walls and roofs, Oregon pine for the framework.

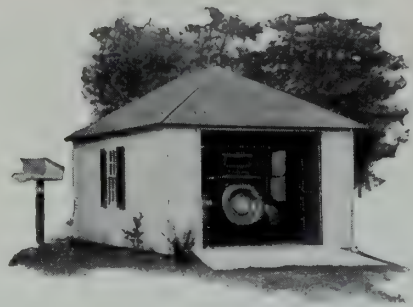
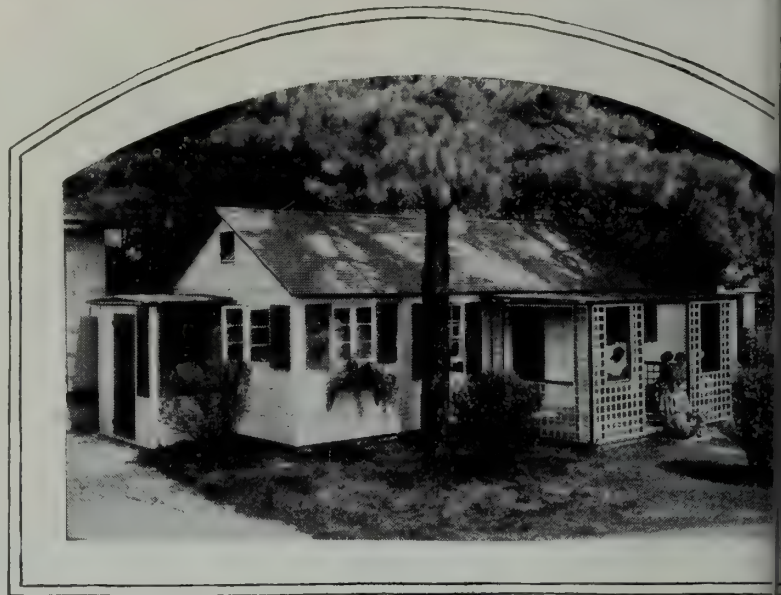
Hodgson Houses are shipped to you in sections, painted and finished to the smallest detail by skilled wood-workers. These sections fit together exactly and are locked as tight as a drum, with iron key-bolts. Steady and weather-proof, Hodgson Houses stand for years without repairs.

A cozy, comfortable Hodgson House, as illustrated, can be erected in two days or less without skilled labor. The sections are plainly marked and, being made of cedar, are light and easy to handle.

Send for our new catalog G. It gives prices and shows many actual photographs of Hodgson Houses. Also garages, play houses, dog kennels, poultry-houses, etc. Write for it today.

E. F. HODGSON CO.
71-73 Federal Street, Boston, Mass.
6 East 39th Street, New York City

HODGSON *Portable* HOUSES




In 5 Years No User Has Paid Us A Penny for Service or Repairs

AN UNEQUALED RECORD—covering the many thousands of EverHots, from the first to the latest. This is the direct result of advanced engineering and superior construction. The low cost of operation also distinguishes the EverHot from all others—less gas per gallon of water. In durability—reliability—economy—the EverHot stands alone—the acknowledged leader. There is a size for your home, at \$66, or \$99, or \$160. Send today for the booklet.

EverHot WATER HEATER

EverHot Heater Company, 5219 Wesson Ave., Detroit, Mich.

Here's the Secret of Squeakless Floors

Few home owners know the importance of the right nail—but the man who lays the floor does. For if the nails aren't right, the floor can't be.

You can't stop annoying squeaks and unsightly warping *after* the floor is laid. You can *prevent* both these evils beforehand. Just make sure that Reading Nails are used—Reading Cut Nails for the under-flooring and hardwood.

Reading Cut Nails have 72% greater holding power than round wire nails. And they're at least 72% better in other ways. *That's the secret of squeakless floors!*

READING IRON COMPANY, Reading, Pa.

Also makers of RICO Hard Cut Floor Nails made to drive into hardwood without bending

READING CUT NAILS



Back up your game with this *lasting* fence

Banish exasperating "lost ball" hunts forever.

Because of their lasting construction, Anchor Tennis Fences are used and endorsed by leading tennis and country clubs and by hundreds of private owners throughout the country.

They are furnished with strong fabric of chain link steel wire or hexagon netting, as desired. U-bar posts of steel are drive-anchored and all parts are thoroughly galvanized. Far superior to fences erected upon wooden or iron-pipe posts. Built in 10 and 12 foot heights.

For complete data, prices and information regarding our expert erecting service, just phone or write our nearest office or sales agent.

ANCHOR POST IRON WORKS

Fences for all Purposes

52 Church St. New York, N. Y.
Baltimore Cincinnati Harrisburg Philadelphia
Boston Euclid, O. Hartford Pittsburgh
Chicago Detroit Mineola, L. I. St. Louis
Wilkes-Barre
Sales Agents in Other Cities 2578-G



ANCHOR TENNIS FENCES

PROTECT your home from fire, lightning and all conditions of weather, and add *safety* to lasting service and satisfaction. For better tin roofs and more durable sheet metal work, use

KEYSTONE

rust-resisting Copper Steel
Galvanized
Sheets
and Roofing Tin



Copper-steel alloy material gives greater and rust resistance to all forms of exterior sheet metal work—roofing, siding, gutters, eaves trough, etc. Look for Keystone included in regular brands.

KEYSTONE Galvanized Sheets give increased service and added permanence to your construction. These are unquestionably the highest quality galvanized sheets produced. KEYSTONE COPPER STEEL Roofing Tin Plates make clean, safe, attractive and satisfactory roofs in grades up to 40 pounds coating—specially adapted to residences and public buildings. Roofs may be painted to harmonize with the color scheme of the building—an important factor which is often overlooked. Keystone quality products are sold by leading metal merchants and are used by first-class roofers and sheet metal workers. Write for interesting booklets.

AMERICAN SHEET AND TIN PLATE COMPANY, Pittsburgh, Pa.

Drop all waste
here—then
FORGET it!



Banish Housework's Greatest Drudgery!

WASTE and garbage disposal, with its countless trips to garbage can, rubbish pile or furnace, will be a thing of the past when the time-tried Kernerator is included in the plans for your home! (It cannot be installed once the house is built).

—and No Upkeep Cost!

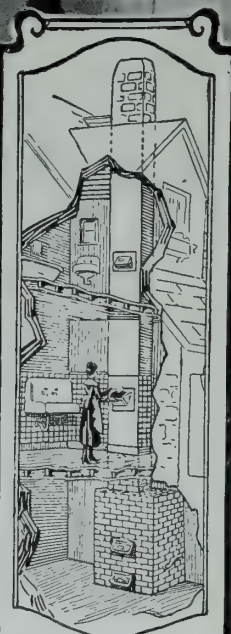
First cost is very moderate—and that's the last cost, for the Kernerator uses no fuel whatever. Just drop *all* garbage, sweepings, tin cans, papers, magazines, rubbish, broken glass and the like—into the handy hopper door right there in the kitchen—then FORGET it. An occasional lighting is all that's necessary. Metallic objects (tin cans and the like) are flame-sterilized for removal with the ashes.

Ask your architect or contractor—they know and recommend the Kernerator—or write

KERNER INCINERATOR COMPANY
1025 Chestnut St. Milwaukee, Wis.

KERNERATOR

Built-in-the-Chimney



Here is a typical Kernerator installation. It costs no more than a good radio set and you get rid of the garbage nuisance forever.



Can You Clean Under Your Radiators So Easily?

NO STOOPING, no groping with a cloth on hands and knees! No radiator legs to obstruct mop or electric sweeper! You can enjoy this lightening of housework by having all radiators hung from the wall with *E-Z Radiator Hangers* when you build or remodel. (See diagram.) Makes floor polishing and refinishing easy.



E-Z Hangers are adapted to any wall or radiator. Concealed. Legless radiators cost no more. Write for illustrated brochure showing attractive home installations.

HEALY - RUFF CO.
769 Hampden Ave. St. Paul, Minn.



Makes Cleaning Under Radiators Easy



3076Y—height 26½ inches. 3163Y—height 42 inches.

Oil jars in plain unglazed buff or red; or these colors with turquoise, jade or black glaze drip at top.

ROOKWOOD GARDEN POTTERY

meets every requirement of the client whose taste is exacting.

THE ROOKWOOD POTTERY COMPANY
Rookwood Place Cincinnati, Ohio



Is Your Fireplace Safe

It is easily possible, with *falo Fire Screens*, to combine both beauty and safety. They are made to harmonize with any particular type of fireplace.

Send us the dimensions of your fireplace opening and we will furnish you with designs that will suitably harmonize with your fireside.

Fire Screen Folder No. 70 is yours for the asking.

Buffalo Wire Works Co., Inc.
Formerly Scheeler's Son
475 Terrace Buffalo, N. Y.

COLORFUL & WALLS



*Make your Own
Cheerful Backgrounds*

GIVE new beauty and comfort to your home now with Muralite—the perfect wall finish. It is so easy to apply right over plaster, wall board, burlap or even plain, tight wall paper at little cost of time, money or bother. A short afternoon's work will transform one room for only \$2.45. Send for color suggestions and folder about Muralite today.

M. EWING FOX COMPANY
253 E. 136th St., New York City

A PAINT A BRUSH HOT WATER &
MURALITE
MAKES A PERFECT WALL FINISH



COLORS of MATCH PACKS

Gold	Blue
Silver	Orange
Black	Green
Light Blue	Purple
Lavender	Yellow

COLORS of INITIALS

Gold
Silver
Black
White

MONOGRAM MATCH PACKS

(Trademarked and Copyrighted)

With Your Own Initials

Smart for the vanity case. Ideal for the dining, bridge and mah jongg table.

A CHARMING GIFT ~ PACKED IN A TIN

\$3.50 for 50 PACKS ~ \$5.00 for 100 PACKS

EXPRESS PREPAID ANYWHERE IN U. S.

Mail Order and Check to

THE CAN-DLE-LUXE SHOP

(CANDLES OF QUALITY)

619-G Madison Avenue, New York

Also Carried by

Saks & Co., New York	Lord & Taylor, New York
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KAY & ELLINGER, INC. 342-G Madison Avenue, New York
The Monogram Match Co. 319 De Young Bldg., San Francisco, Cal.



GRASS CLOTH

The wall paper made by the peasants of Japan from the wild honeysuckle vine.

Beautiful—Artistic

May we send you samples?

F. C. DAVIDGE & CO.
28 Wellington St.
W. Toronto, Canada

Learn INTERIOR DECORATING at Home

A new profession, offering hundreds of high salaried positions to both men and women. Opportunities increasing every year. The demand for experts who can plan and supervise decorations and furnishings for homes, clubs, churches, theatres and other public buildings now makes it easy to establish a profitable business in any town or city.

Prominent Decorators Teach You

As a service to the profession, prominent New York Interior Decorators have cooperated to produce this practical course of direct mail instruction in this fascinating, highly paid, simple, easily understood principle. You rapidly learn how to conceive and plan decorative color schemes for all kinds of rooms; how to select rugs, furniture, wall papers and hangings to harmonize, etc., etc. No previous experience or special ability required.

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Write a postcard or letter today for a beautiful illustrated book describing wonderful opportunities now open, and explaining details of how this amazing new course quickly gives you professional knowledge and skill. See whether you would like to enter this profession or not. Expert knowledge in Interior Decoration will save a home-maker mistakes and hundreds of dollars. Remember this book does not obligate you in any way.

Write for it today. Address

**NATIONAL SCHOOL OF
INTERIOR DECORATION**
Dept. 135, 2 West 47th Street
New York City



is the most beautiful piece of work of its kind I have ever seen"

Writes an admiring purchaser of one of our

HANDWOVEN BABY BLANKETS

Made on the old Colonial Hand Loom

ST the sweetest gift for just the sweetest baby and such a useful one too! Made of pure virgin wool with the care and quality of Pioneer days. Soft and dainty, light and warm. Will wash without shrinking.

the ideal covering for the child who sleeps out of doors.

Means' BASKETWEAVE BLANKETS Handwoven

May be purchased in New York at

Itman & Co. and the best gift stores in the country
 & Co.
 Franklin Simon & Co.
 Hants' Shop
 & Taylor

If you cannot reach one of these stores, write for a folder with samples and prices.

THE MEANS WEAVE SHOP

93 Howe Street, Lowell, Mass.

Also make Basketweave Couch Blankets which are woven by hand



ARE YOUR LETTERS WELL GROOMED?

PAPER forms the background of your written thoughts. Your pen is your voice, your stationery is *you*. That is why so many thinking men choose Old Hampshire Bond, for its sturdy texture and its certain tone of well groomed quality.

Old Hampshire Bond comes in correct sizes for social, professional and business use. Five 2-cent stamps bring sample package to your desk.

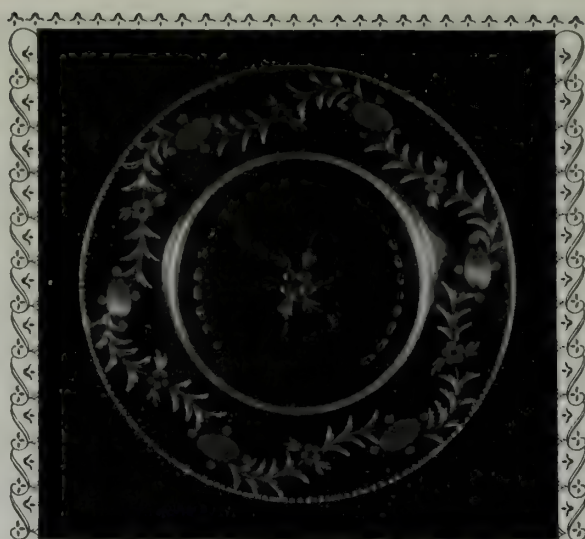
HAMPSHIRE PAPER COMPANY

Fine Stationery Department C
 South Hadley Falls, Mass.

Hampshire Stationery

Made in three distinctive finishes

VELLUM LAWN



HAWKES ROCK CRYSTAL

A compliment to your dinner table

Kashmir Pattern

Hawkes Rock Crystal, as shown in photograph, is available in
 8" Salad Plates
 14" Service Plates
 Goblets
 Tall Sherbets
 Wine Glasses
 Cocktail Glasses
 Finger Bowls
 Finger Bowl Plates
 Whiskey Tumblers
 Mineral Water Tumblers
 High-ball Tumblers
 Iced Tea Tumblers



A FITTING companion to your family silver and treasured china is Hawkes Rock Crystal, deeply hand engraved by skilled craftsmen with all the care that a lapidary lavishes upon a precious gem.

Luminous, ringing with clear bell tones, designed with consummate artistry — no other crystal will give you quite the same pride of possession.

At your jeweler's, or write for Booklet A to

T. G. HAWKES & COMPANY
 Corning, N. Y.

HOME BUILDERS!
 Send for this booklet today

No. 306
 FORGED AND HAMMERED IN IRON, FINISHED IN HALF POLISHED STEEL.

A typical page from "The Decorative Charm of Wrought Iron," illustrating hand forged iron fixtures for the home.

BOZART LIGHTING CO., INC.
 8 Warren Street New York City

Colonial 4-Poster Bed

GENUINE MAHOGANY

Fluted posts, 54" high; beautiful hand carved pineapple tops. Panels in head and foot boards of exquisite pencil stripe grain mahogany. Hand made throughout by skilled craftsmen. Distinctive dull rubbed satin finish. Unmatchable in price or quality. Made in three sizes:

	Width	Length
Single or Twin size	33"	6'1"
Medium size	40"	6'4"
Full size	46"	6'1"

Safe delivery guaranteed. Sent on receipt of price or C.O.D. with \$25.00 deposit. Guaranteed as represented or money refunded. Many equally desirable pieces; send for Portfolio G-5.

WINTHROP FURNITURE COMPANY

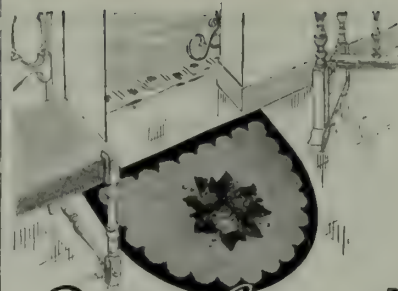
424 Park Sq. Bldg.
 St. James Ave., Boston, Mass.



ANTIQUE Reproductions

\$59.50

Freight Allowed
 Anywhere in U. S.



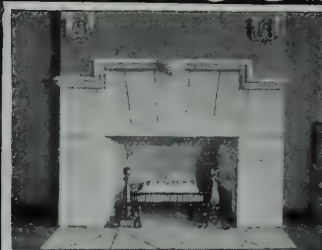
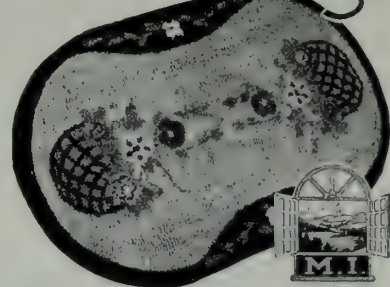
Sent on Approval Genuine Hooked Rugs

HAND MADE, colorful, lastingly beautiful. Truly quaint! Charming in their simplicity. Harmoniously interwoven by real mountain folks into artistic color designs of character. Fashioned to your order, if you desire. MOUNTIND Hooked Rugs are bright spots that lend lifelong beauty to your home.

See one on your floor — without any expense to you. A card or letter with your bank reference, brings one of our choicest rugs to you. With it we will also send pictures of many other designs for your selection. Your inquiry does not obligate you in the least. Address—

Mountain Industries — TRYON
 N. Carolina

Mountind Hooked Rugs



Fireplace Plans and Designs

IF YOU seek lasting beauty and satisfying warmth in your new fireplace it will pay you to study carefully fireplace designs and plans before building.

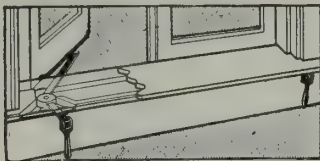
The new enlarged edition of the Donley Book of Fireplace shows a wide variety of designs and clearly explains detailed plans for the building of the fireplace. It describes the Donley Damper with its smooth metal throat, The Donley Fire Basket, Ash Dumps and Andirons.

We feel sure that a complimentary copy of this book will contribute much toward making your fireplace a success.

The Donley Brothers Co.

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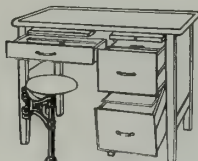
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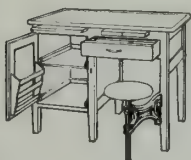
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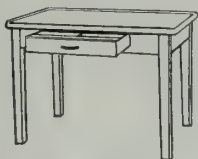
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Laflat Porcelain Top
27 x 56 inches



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27 x 42 inches



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PORCE-NAMEL
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THE PEASE CLOTHES

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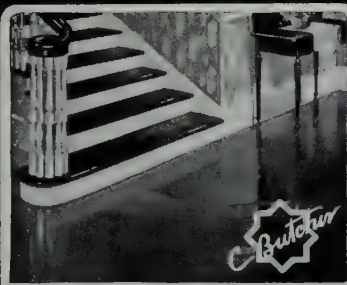


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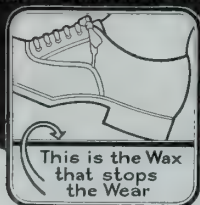
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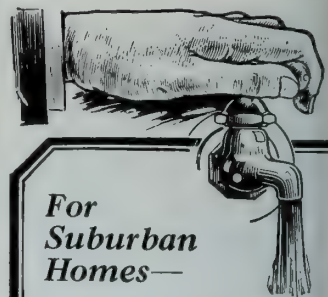
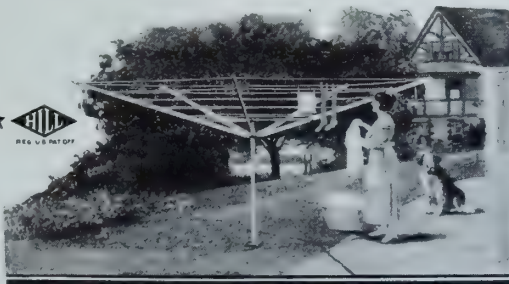
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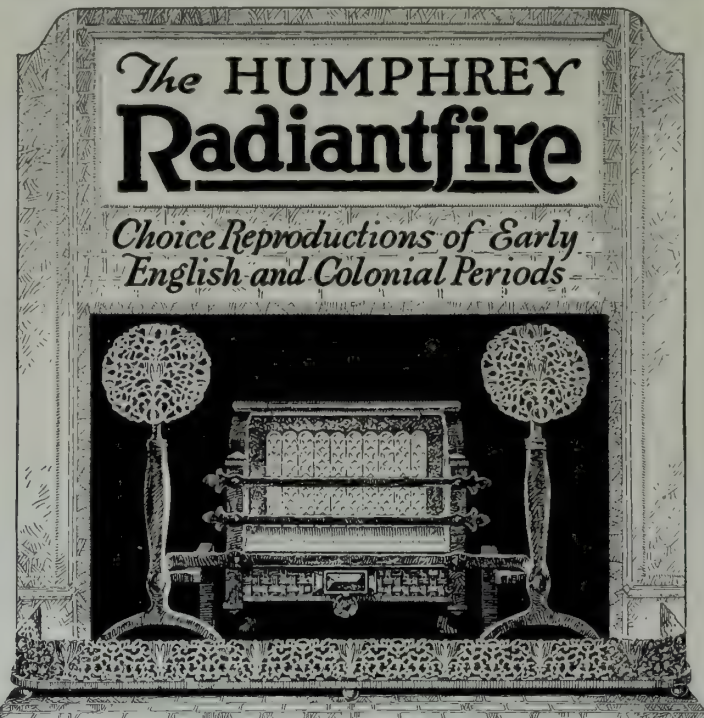
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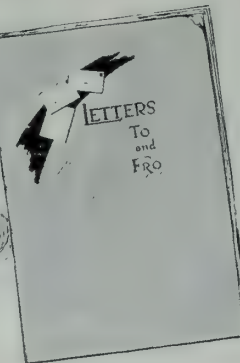
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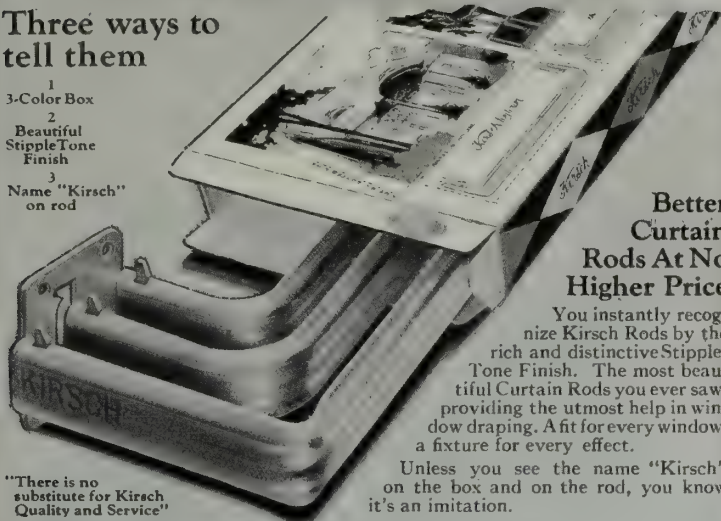
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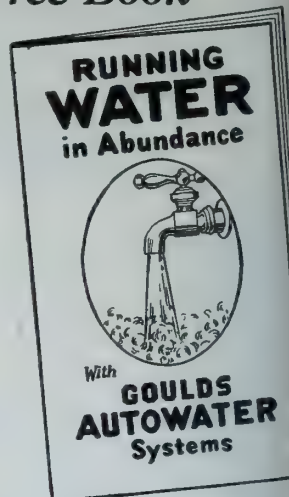
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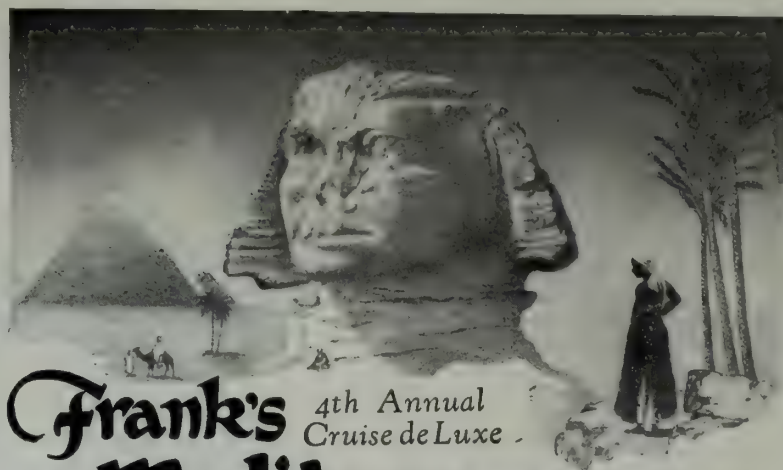
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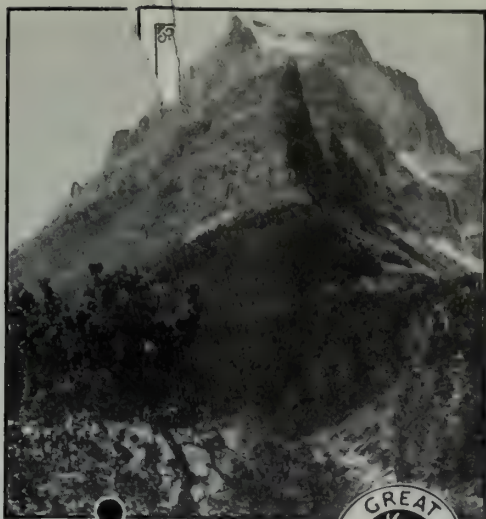
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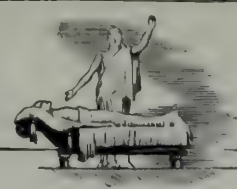
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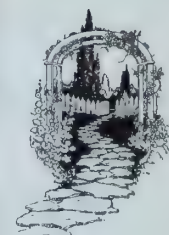
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centage of flesh runs as high as seventy or eighty, with the balance consisting of cereals, vegetables, fish, etc.

For the average family dog a diet of half lean meat and half general table scraps is about right. This may be varied from time to time by a meal of good manufactured dog biscuits, or some one of the other standardized rations of the best quality. Two or three times a week a generous beef or other large bone should be provided, for there are both pleasure and benefit in a few minutes of wholesome gnawing.

Popular fallacies with regard to the meat theory are many and sometimes fantastic in their ingeniousness. Perhaps the most common is that such a diet induces fits, worms, rabies, distemper, ferocity and, if dogs were able to have them, appendicitis and housemaid's knee. Don't worry about such beliefs; there's nothing in them. Good meat is good food, whether the dog is sick or well.

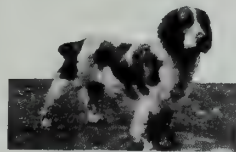
Not so with some of its by-products, so to speak. Fat and grease are rather violently indigestible to nine dogs out of ten. Poultry bones are likely to splinter when chewed and cause internal trouble with their sharp points, while fish bones may stick in the throat of a dog as well as of a person. Other taboo foods are sweets in excess and anything that you know from experience is indigestible in your own case. The sooner one realizes that Fido's stomach is not made out of cast-iron or indestructible rubber, the better for Fido.

AND then there is the question of sickness symptoms. Don't disregard these. Catch them in the early stages, if any should appear, and the outcome will be much better. However healthy your new dog may be, it is an excellent plan to locate a good veterinarian as a matter of precaution.

The Dog Mart Information Service will gladly answer specific questions on dog matters from readers of HOUSE & GARDEN. We are always ready to suggest reliable kennels where purchases may be made, but cannot ourselves undertake to act as buying or selling agents. We issue no price list or catalog. Inquiries should be directed to the Information Service, House & Garden Dog Mart, 19 West 44th Street, New York.

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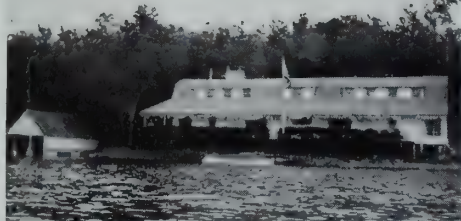
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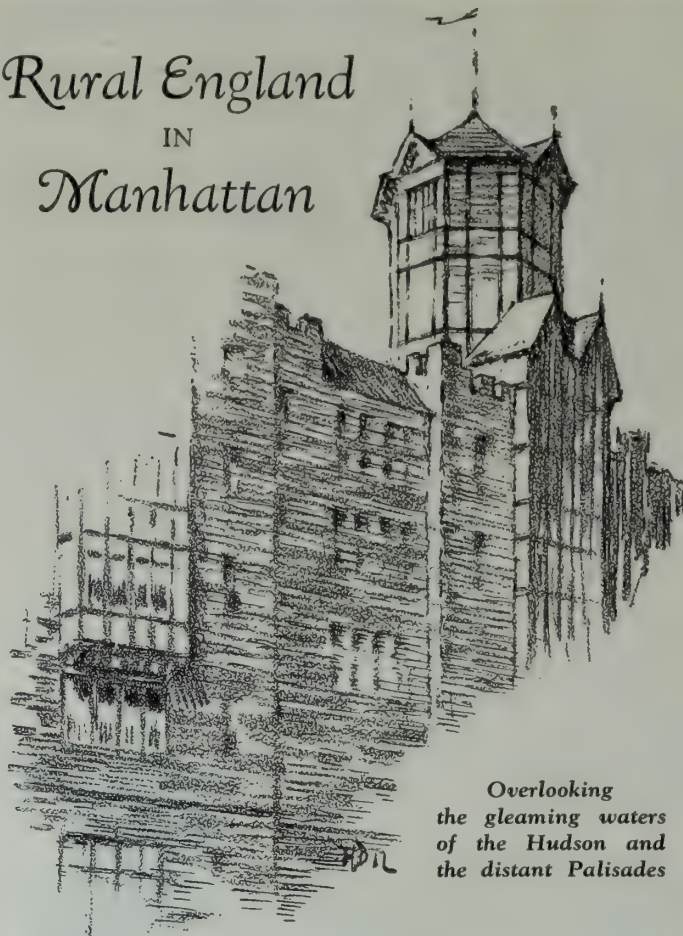
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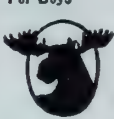
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Dynamic Symmetry In Chrysler Beauty



More than a year ago we remarked that the dictionary of synonyms had been worn dog-eared in the hunt for adjectives to describe motor car beauty.

There isn't a superlative left to use.

As a matter of fact, they've all been used so many times that they no longer carry conviction.

But just as surely as you know a beautiful car when you see it, you'll be entranced by the Chrysler Six.

In every Chrysler model, you sense at once the beauty, the good taste, the smartness which we in America have been in the habit of describing as "French," or "foreign," or "continental," or "European."

More than 32,000 times last year, buyers expressed, in

terms of their motor car choice, their preference for the Chrysler kind of beauty—giving to Chrysler Six a first-year sales record never before awarded to any car.

Here is a car scientifically engineered to be beautiful.

Three years were devoted to the study of dynamic symmetry—the science of proportion and balance.

The height of side body panels, for instance, was a matter of determining the exact relation between the requirements of human comfort in the car, and the most pleasing proportion from outside the car.

The "bead," or "belt line," was not put on as an incident, or just because a body designer liked it. It was scientifically sized and scientifically

placed to give that long, low, sweeping line which produces such a racy, foreign effect.

Most cars are pretty fair looking from some one angle; the more fortunate, from a couple of viewpoints. From the rear view, nearly all of them are weak on appearance.

One result of the scientific design of the Chrysler Six is the charm of its rear view.

Note particularly how all of the lines and curves of the front and sides gracefully blend at the rear.

There are no displeasing angles, sharp corners, awkward curves.

Then walk around in front. See how the long, sweeping lines flow out of the radiator.

It's a mere detail to the buyer, perhaps, but an interesting fact that months were spent on designing and proportioning lamps and fenders.

That inimitable grace, melting so perfectly into the bulk of the whole car, was no matter of chance.

So, too, with the wheels. Chrysler designers sought the ultimate in that much desired close-to-the-ground appearance.

But they didn't simply take any small wheel. They got the exactly right proportion.

And what is the result of this

new application of scientific design and proportion?

Perhaps the most important result is that air of perfect good taste—the same atmosphere that surrounds rich gentlewomen and gentlemen.

The Chrysler isn't beautiful because of any fanciful tricks, or because of any ornamentation hung on it.

It isn't gaudy. It isn't ostentatious.

But it is smart, refined, ingood taste, harmonious, graceful, eye-compelling, simple.

In a word, it is beautiful.

And that isn't all.

Such true beauty in a car doesn't stop with looks alone—any more than it does in a man or woman.

There's an old saying, "Beauty is as beauty does."

That's the Chrysler Six.

Remember that when Chrysler engineers were scientifically building beauty of appearance, they were building with relation to human comfort.

So that Chrysler proportions are not only good to look at—they also give the most perfect riding, most accurately comfortable car you ever drove. You rode in, as Chrysler owners can tell you today after a year's experience.

The Touring Car, \$1395; The Phaeton, \$1495; The Roadster, \$1625; The Sedan, \$1825; The Royal Coupe, \$1895; The Brougham, \$1965; The Imperial, \$2065; The Crown-Imperial, \$2195. All prices f.o.b. Detroit subject to current government tax. Bodies by Fisher on all Chrysler Six enclosed models. All models equipped with special design six-ply, high-speed balloon tires. There are Chrysler dealers and superior Chrysler service everywhere. All dealers are in position to extend the convenience of time-payments. Ask about Chrysler's attractive plan.

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CHRYSLER SIX





House & Garden

IN 1920 HOUSE & GARDEN started publishing a series of books in which was to be found the best material on each subject printed in the magazine over a period of years. This series began in 1920 by the appearance of HOUSE & GARDEN's Book of Houses, was followed in 1921 by HOUSE & GARDEN's Book of Interiors and in 1922 by HOUSE & GARDEN's Book of Gardens. The plan for these books was simple and direct. They told, so far as it was possible, the whole story of a subject in picture form. The demand for these books was immediate and generous. The Book of Houses has run through three editions; only a few copies remain. The Book of Interiors and the Book of Gardens are both exhausted.

The popularity of these reprints encouraged us to undertake a second series. In the advertising section you will find an announcement of HOUSE & GARDEN's Second Book of Houses. This volume—a matter of 192 pages and over 500 illustrations—is the result of skimming the cream from five years of the magazine. It is much larger than the previous Book of Houses, larger by seventy pages, is more complete in its scope, and more conveniently arranged.

In the first section is told the complete story of the Four Ideal Smaller Homes, which have been so popular. Each house is considered as a unit, its exterior and plans, its rooms and its garden. These are the houses that have been made in model form and are being displayed in department stores all over the country.

The second section considers the

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construction of the house, under the following subjects — architects, how to read plans, roofs, brick, stone and wooden walls, shingles, floors, insulation, moldings, doors, fireplaces, bay windows, balconies, stairs, dormer windows, ceilings, wall textures, electricity, plumbing and bathrooms, painting, architect's fees and architectural terms.

The third section is a portfolio of sixty houses and plans—stone houses, half-timber, brick, shingle and clapboard, Colonial houses, English cottages, Spanish, Italian, from the smallest cot to the country house of size. This section alone justifies the price of the book.

Then, to make the measure full, there are pages on log cabins, on garages and driveways, lists of catalogs to collect before you build and the addresses of architects who specialize on houses.

This volume of 192 pages and 500 illustrations is bound in cloth with gold lettering. It will be available early in May.

It, however, is only the beginning of the new series. A volume of equal size will appear soon—HOUSE & GARDEN's Second Book of Interiors, to be followed later by HOUSE & GARDEN's Second Book of Gardens.

Today HOUSE & GARDEN goes to over 130,000 homes—nearer 150,000, to be exact. Its readers appreciate it for its authority. It is the leading magazine of its kind in the country. It is the second largest monthly magazine in advertising. Because its authority is appreciated, the same sort of appreciation will be accorded HOUSE & GARDEN's Second Book of Houses.

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HOWEVER hard man may try, he cannot exactly reproduce Nature in the garden. The human touch is always evident. And the more the human touch is evident, the more livable is the garden. The shaded arbor here, the bit of statuary there, the sundial at the crossing of the paths—by these things you may know a garden that is lived in. So we come to the June number with this in mind. It concerns itself with garden furnishing. Garden statuary is discussed by Miss Rehmann, sundials are shown, terraces are furnished, lights for porches, gates and gardens are suggested, dove cotes are explained. And there are gardens with these things in place—a little garden of annuals, a livable rockery, and a little country garden of peace made by Elizabeth Leonard Strang. To these Mrs. Wilder adds her story of Irises for the Rock Garden, Mr. Wilson his account of Woody Plants for Shore Gardens, and Mr. Rockwell, suggestions for summer vegetable gardening.



ON OTHER pages in the June number you will find the attention turned to the interior of the house. Here are two pages of brackets, foreshadowing the revival of an old-fashioned accessory, a Portfolio of miscellaneous livable rooms, ideas for framing Chinese pictures in mirror glass, a practical and helpful article on window shades. The collector's interests are served by Mr. Teall's article on collecting Irish and American Belleek. And for those who would wield the paint brush are shops pages of unfinished furniture—just the thing for that little summer cottage.

One small house will dominate three pages—is the home of Frank J. Forster, who has been designing delightful homes for other people, and now builds one for himself. You will like it. Mr. Houston writes helpfully on chimneys. As you turn the pages of this issue you will find more and more helpful suggestions. That, after all, is what HOUSE & GARDEN is designed to do—report things that are new for the home, to inspire better taste, and to suggest practical ways in which these new things and this better taste can find their way into the home.



THE appearance of the "Standard Cyclopedia of Horticulture" in three volumes is a great boon to garden lovers. This monumental work of Liberty Hyde Bailey is our most valuable contribution to American garden literature. No gardener's library without it is worthy the name. No gardener can proceed from the initial neophyte stage to that of the hardened amateur or professional without being indebted to its vast horticultural learning.

BY THE time this is read, the New York Flower Show will be a memory. Perhaps it is in memory that we most enjoy such events. The unforgettable Rock and Rose Gardens and Azaleas of Bobbink & Atkins, the Tulip gardens and displays of John Scheepers, A. N. Pierson, Mrs. Harold I. Pratt (awarded The Holland Gold Cup) and Mrs. Guggenheim, the Roses of A. N. Pierson and F. R. Pierson and Charles Totty, the Delphiniums of Wm. C. Duckham, the Mimosa of Mrs. Constable's exhibit, the orchid exhibit of Roehrs—these things are worth remembering because of their great beauty and inspiration. But even more vividly will we remember the model houses landscaped by members of the Garden Club of America.

Garden lovers may not appreciate the great educational work being fostered by the Garden Club in this special activity. The members are supplied with standard equipment in houses, wings, garages, chimneys, etc. The rest of the problem is to be solved by their own ingenuity, knowledge of design and plant material.

Not merely the small size of these houses makes them attractive. Looking down that long range of models one is impressed by the total of work required, the total of garden enthusiasm and—more important still—the total of garden knowledge these models represent.



CHINESE LILIES

When I ask my heart
About old happiness
She babbles of white ruffles
On a yellow dress
Or about a half-moon
By a small bright cloud,
Nothing about happiness
Will she say aloud,

When I ask my heart
Something of old grief
She whispers of a window-pane
And a wet brown leaf
And of numb hands brushing
Steadily cold hair,
Nothing of old grief
Will she dare;

When I ask her of a day
And why life was through
Not to go on again
Or ever be new
I think she tries to tell,
But she can only say
"There were Chinese lilies
On a sill one day. . . ."

MARGARET WIDDEMER

THE Four Ideal Smaller Houses, whose story has been told in preceding issues of the magazine, have reached model form and are to be exhibited in various sections of the country. They have already been shown in the New York Flower Show and by Lord and Taylor in New York, by Halle Brothers in Cleveland, and in the Cleveland Flower Show. Before the year is out, they will form exhibitions in the important department stores in each of the following cities—Atlanta, Birmingham, Boston, Bridgeport, Chicago, Cincinnati, Dayton, Denver, Des Moines, Detroit, Erie, Grand Rapids, Harrisburg, Houston, Indianapolis, Lincoln, Neb., Los Angeles, Louisville, Minneapolis, New Haven, New Orleans, Oklahoma City, Omaha, Pittsburgh, Portland, Ore., Providence, Richmond, Salt Lake City, San Francisco, Seattle, Springfield, Mass., St. Louis, Syracuse, Toledo, Troy, Washington, D. C., Wheeling and York, Pa. Within twelve months these models will be shown in every city in the United States with a population of 100,000 and over.

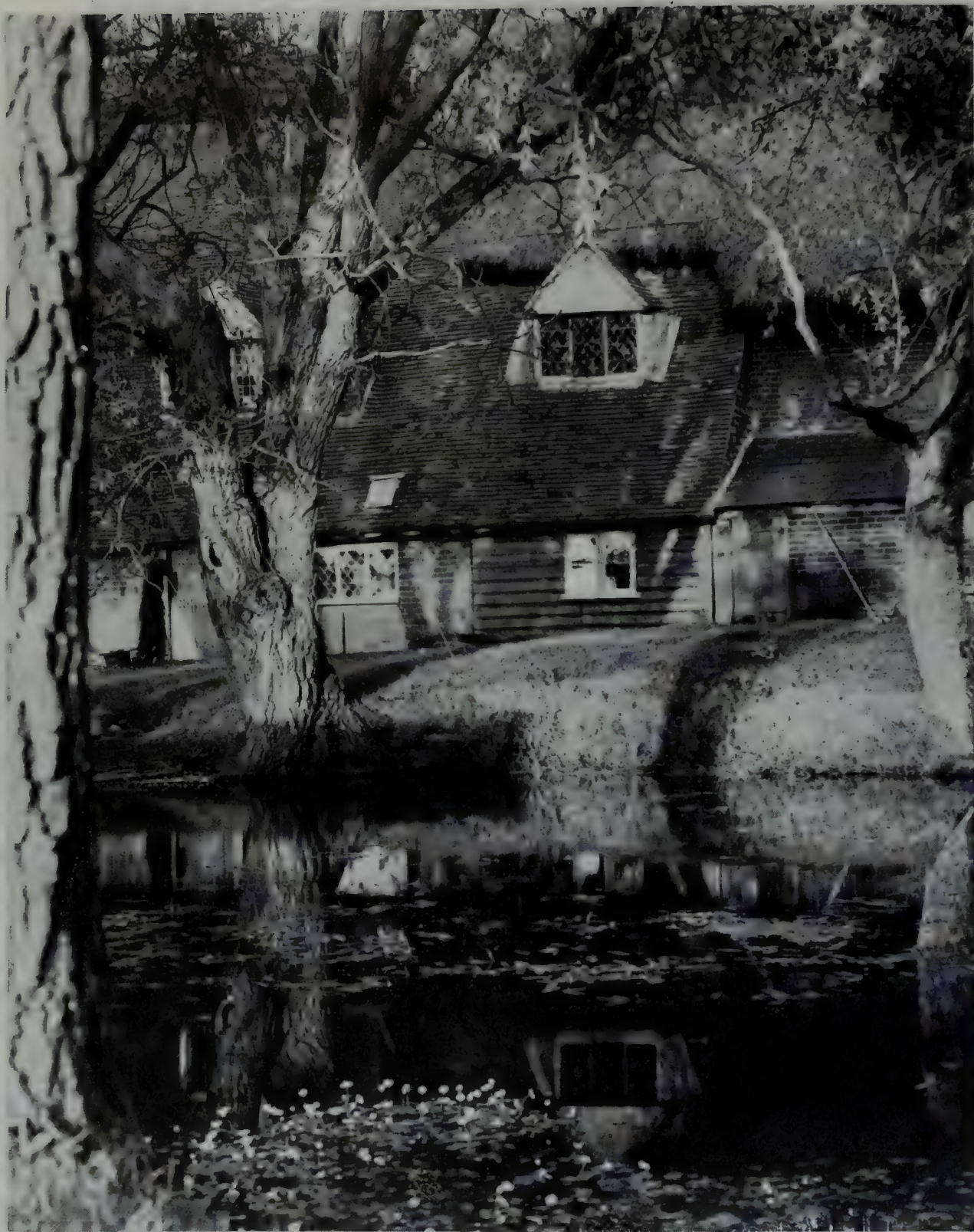
At present the editorial staff is working on the designs, decoration and landscaping of three small houses, to cost under \$10,000 for the house. The first of these will be shown in July.

Meantime Fontaine Fox, the creator of the "Toonerville Trolley" is building the Georgian brick house of the Ideal Smaller House Series that was designed by Edmund B. Gilchrist.



OLD DOC LEMON SAYS—

"MY OLD black-an'-white Collie, Shep, is the gol-dinged woodchuckin'est dog I ever did see. Seems like they's nothin' he'd rather do than clamp them long jaws o' his'n onto the back o' some big gray buck chuck an' shake the livin' daylight's outen him. Ain't no trouble doin' that, neither, in less'n three shakes of a lamb's tail, fer Shep's teeth are reg'lar spikes an' the ruff on his chest is so thick the chuck can't do him no hurt. "They's woodchuck dogs an' woodchuck dogs, but none of 'em ain't got Shep's system o' huntin'. No sweatin' an' diggin' an' yelpin' at a burrow fer him—no sirree! He jus' lays down in the grass a couple hundred foot away from the hole an' waits fer Mister Chuck to come out. Even then he don't really move; jus' raises his head a teeny mite an' watches—gosh, how he watches! Mebbe it'll be half an hour 'fore that chuck gits fur 'nough away from home fer Shep to cut him off, but he'll wait. When fin'ly the right minute comes, they's a rush an' a scuffle, an' it's all over. "Don't care nothin' 'bout runnin' rabbits, er treecin' a coon, er even razzin' the cat, Shep don't. But woodchuckin'—say, stranger, he's a livin' fool fer it!"



Ionides

BESIDE THE STILL WATERS

Each of us dreams of having some day a different kind of house. Some want a house by the side of the road, whence they can see the busy world spin by. Some hope to live on a hilltop, splendidly isolated, commanding vast distances. And others dream of a house by a

stream, by water that makes sweet music, that mirrors the sky and its argosies of clouds, the stars and silvery moon and the great trees that line its banks. Perhaps the last is best of all, for the promise runs that those who are led beside the still waters shall not want



COUNTRY HOUSE BEDROOMS

Whether Simple or Pretentious, a Summer Bedroom Depends Largely For its Charm on a Gay and Interesting Color Scheme

MARY WORTHINGTON

WHEN it comes to the bedroom in the country we always say, "Do let's make the bedrooms simple. Country house bedrooms should be." And then, when we list the necessities, they almost equal the same things that we have in our town house or apartment. So we are forced to make the difference between country house and town house bedrooms mainly a matter of quality rather than quantity. Of course, this problem does not bother the people who live all the year round in the country. Those fortunate individuals may put all their inappropriate furniture in their country house, and care not who mocks or

gibes; to them we can give no helpful suggestions. These lines are written for the woman who this season faces the problem of doing over country house bedrooms for her family and for her family's guests.

I have found that papering a country house that is closed half the year is a bit uncertain. If a caretaker is in residence and a low fire is kept burning, the paper sticks to the walls, but if the unoccupied house is inclined to be damp the paper peels off, particularly ceiling paper. By the sea-shore paper seems to stick better! Of course, a lot of luck, bad or good, is really traceable to the quality of paste used and the quality

of the paper-hanger's expertness and care.

For walls that are not to be papered use a paint, generally flat in finish with or without a slight glaze. The best way on old walls or damp walls is to paper the walls first with a prepared cloth, especially the chimney breast which is apt to be discolored from water dripping down the chimney. If we do not wish to paint, we can put on a coat of water paint. This paint has enough sizing or glue to cover a wall surface completely in one application and it does not water mark nor rub off. Lovely colors can easily be made if the stock ones do not suit your particular color scheme.



The bedroom at the left with its beautiful four poster hung in gay chintz and its fine collection of old furniture has an effective background of white-washed walls and dark woodwork. It is in the home of Mrs. Drinker Bullett, at Conway, Mass.

M. E. Hewitt



The bedroom at the left, notable for its charming array of early American furniture, rugs and accessories shows an interesting use for a wide recessed window. Here a window seat becomes a comfortable bed curtained on the inside with glazed chintz and protected on the outside by an awning. Esther T. Curtiss, decorator

Below is another example of a bedroom furnished in the early American manner. Here a reproduction of an old wall paper is used with mahogany and plain curtains. Ernesta Bullitt, decorator

A small guest room in a boat house is made inviting with a bright flowered paper, simple furniture painted apple green, and organdie curtains in the same color. Chapin, Harper & Dutel, decorators



With the finish of the walls decided upon, which always seems to be a "sticker", the colors for the rooms can be settled, and it is with color that most people, most women anyway, begin decorating.

One room of a country house built on a hilltop has a white-washed wall. Through the windows comes the richness of the sunset colors and from both sides there is a gorgeous glowing garden view; so the walls were kept white, a thing so successfully done abroad and so rarely here. Sturdy chestnut furniture was used, a comfortable bed, a commodious bureau and a dressing table with a boot closet below. The daybed

The livableness of early American decoration is apparent in the bedroom at the right, another view of which is shown on the opposite page. It is in the home of Henry T. Curtiss at Ashfield, Mass. Esther J. Curtiss decorated this house and Louis S. Weeks was the architect



Cool and very fresh looking is the bedroom at the left with its colorful chintz curtains, simple painted furniture and bedspread of sheer, ruffled net. Ethel A. Reeve, decorator

An interesting bed with a spread of old brocade, and a chintz-hung, three cornered dressing table are features of the room below in the home of Mrs. Drinker Bullitt, at Conway, Mass.

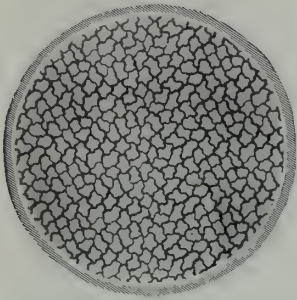
was upholstered in a heavy cotton duck of chestnut color and gray. Throughout the room were splashes of yellow, a primrose yellow in a soft percale with white polka dots used for bedspread and curtains, the latter made to draw at night, being beautiful against the flaky white walls. No disturbing color deranged this room, as the lamp shades and the pewter bases were of white candy-box paper, showing a pure white glow. The room might have been cold but for the gathered valance, which ran all around the room at the ceiling line, of the yellow fabric and its white polka dots, a ten inch

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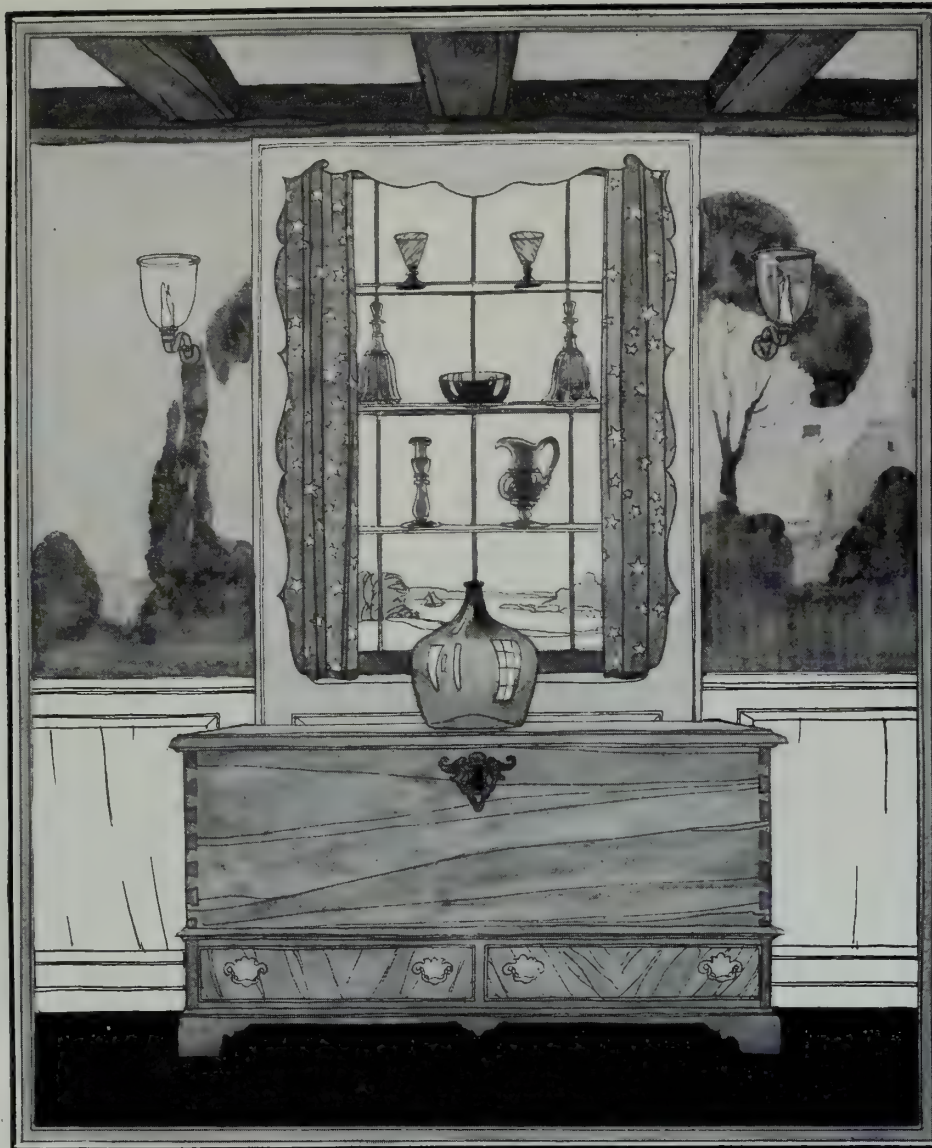


M. E. Hewitt

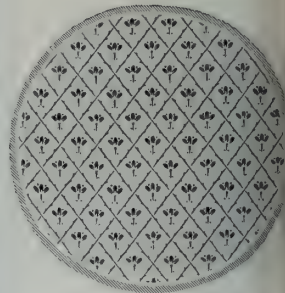
FABRICS *for*
CURTAINS
and SLIP
COVERS



Above. A new semi-glazed chintz for slip covers has a natural ground with black dots and a scroll pattern in red, blue or green. 32 inches wide, \$3.25



The fabrics on these two pages may be purchased through the HOUSE & GARDEN Shopping Service, 19 West 44th Street, New York City. A slight service charge is included in the prices



The fabric above with its prim design in red, blue, green or lavender on a white ground is 50 inches wide. Unglazed, \$2.15. Glazed \$2.50

Above. Curtains of smart French percale with horizon blue ground dotted with white stars are used with a wood valance board. 50 inches, \$5.25



Left. A lovely semi-glazed chintz has a yellow, pink or pale green ground and flowers in ivory, dark green and a little pink. 50 inches, \$6.40

Very fresh looking is the glazed chintz below with its clusters of roses in pink, blue and yellow on a natural ground. 36 inches, \$1.20



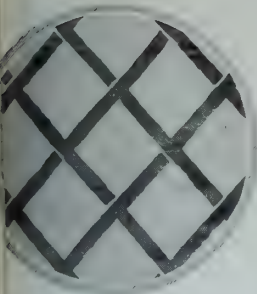
The ground of the glazed chintz below is green and the bird and fruit design is in mauve, pink, yellow and blue-green. 31 inches, \$2.10



Above. French percale for chairs or day beds. Yellow, gray or cream ground and an embroidered flower design in rose, blue and green. 50 inches, \$8.75

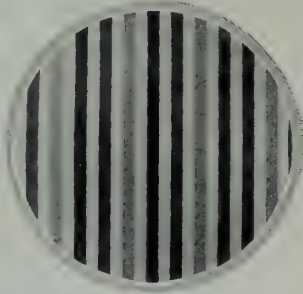


The curtains at the left are luster gauze in gold color. 36 inches, \$1.20. The roller shade is sunfast, waterproof glazed chintz in blue, rose, and lavender on a natural ground. 32 inches, \$2. On the back of the chair is a checked cotton material. 31 inches, \$1.70. All colors



Above. Linen with a lattice design in blue, green or black on a cream ground. 50 inches, \$7

Below is a new cotton print with a design in soft green on a beige ground. 27 inches, \$3.25



Above. Linen and cotton mixture in narrow tan, brown and green stripes. 50 inches, \$1.90

Below. Percale. Rose, blue or green ground and design in cream and beige. 31 inches, \$4.10



Above. Percale, cream ground and column design of flowers in rose and peach shades. Twisted blue ribbon running through. 50 inches, \$7.40



Below. Toile with cream ground and a Chinese design in cranberry red or green ground and pattern in mulberry. 30 inches, \$3.10



THE RETURN OF THE WHATNOT

*Some Sentiments On The Way Tastes Come and
Go And Make Most of Life Second Hand*

SEVERAL years ago there was held in New York an Exhibition of Bad Taste. The younger intelligentsia of that day and people who claimed to have good taste fostered, appreciated and thoroughly enjoyed the exhibits. New York laughed at it for a week or so, and then it was promptly forgotten. Or apparently forgotten. Or, those who claimed to have good taste changed their opinions. Whatever it was that has happened in the intervening years, it is interesting to see how many of the objects then ridiculed have since become accessories of good current decoration. One of those objects held up to scorn, as representing the lowest possible concept of beauty in the home, was the whatnot, with its collection of souvenirs from Altoona, Pa., Atlantic City and the Grand Canyon.

IN ITS way the whatnot was an epitome of the Jack-daw habit of human nature—that peculiar trait which makes us collect souvenirs. Small boys' pockets, filled with diverse and unrelated junk, are an example of the same trait. At the other extreme stands the trophy room of any sportsman who displays the evidences of his prowess with rod and gun, and the shelf of cups won by the golfer.

We enjoy marking events in our lives by tangible reminders, by proofs that cannot be denied. The marbles in the small boy's pocket, the golf trophy, the stuffed trout, the lion's skin and the painted conch shell from Atlantic City all mark events; they are souvenirs of our past; they are milestones of our triumphs. Especially do people who travel have this souvenir habit. From the day the first palmer bore a shell of his pilgrimage back from the Holy Lands, to this hour when we bring home glass from Venice and tooled leather from Cordova, the souvenir habit has manifested itself. The man or woman of limited travel used to display these evidences in the whatnot; since travel has become common and easy, we furnish our entire houses with them, and our homes have become gigantic whatnots.

For example: the desk on which I write is lighted by a pewter lamp of the sperm oil era that hails from Cape Cod. Beside it stands a little trunk covered with cow hide, that represents a visit to a certain attic in a Southern city. Near it is a broken shell dug up in the trenches at Port Arthur. The flower vase was a honey pot from Syria. The paper weight is a piece of Victorian glass in the shape of a book. The pen came from Russia and the paper knife is an 18th Century English meat skewer. The picture that hangs above me is a map made by John Speede in 1631 and found in London. The chair in which I sit came from London. The rug hails from Murray Bay in Canada. The settee came from France and the big red chest from China. A marqueterie table came from England and the cuckoo clock from Germany. A radius of ten feet around this desk is a veritable whatnot—and I've yet to have anyone tell me that this collection of assorted junk represented bad taste.

PERHAPS, then, it was not the things displayed on the whatnot that caused the hilarity; perhaps it was the whatnot itself. It stood, you will recall, in the corner and was a triangular piece of furniture. The parlor was its usual abode; that parlor which used also to have a table on which the tea pot and tea cups were always arrayed.

What has happened to the whatnot? It is still with us. The hanging bookshelf, the niche and the corner cupboard are all current and popular expressions of the whatnot. All are what is known as "smart" and each, in its proper setting, is a pleasant accessory for a room. Instead of painted conch shells from Atlantic City, the modern whatnot bears its burden of *bibelots*. Thus, in the room next to that in which I am writing there is on the wall a triple hanging shelf of delicate lines flanked by two Godey prints. The top shelf has a strange fan from Paris, the second two mid-Victorian flower vases, found in an old house nearby, and the bottom shelf bears a motley collection of small and choicely bound books held in place by a little brass caddy from Brittany and a china hen that once served to advertise a brand of mustard. If this were standing in a corner, it would be a whatnot and visitors would make caustic remarks on the blindness of our taste, but since it hangs on the wall, it is quite up to date and people who come into the room envy our having it. But for the life of me I can't see much difference.

So it seems that the things we laughed at a few years back, we take seriously today; those that we discarded with blushes we now accept with enthusiasm and pride.

ALL of which goes to prove that even the people best posted in taste cannot say for a surety which way the cat of popular enthusiasms is going to jump. And it is just as well that they can't, for this would be a dreary world if we knew all that was going to happen in the next ten years. Had we known about the whatnots we would not have permitted grandmother's to go the way of the ash man. But think how cluttered our rooms and attic would have been while we waited for the cycle of taste to get around to us again! We would not have been able to go through the joys of the elephantine Craftsman period of furnishing, that followed the whatnot era. We would have missed the Turkish corner. Our men folks would never have had a "den", nor would amiable young women burnt Gibson girls on slabs of wood.

Like the rest of life, decoration progresses in spirals. Taste comes and goes. We acquire and discard. We scorn and we accept. It doesn't mean anything especially. There is no hidden, esoteric philosophy to be gotten of it. It simply makes us realize that most of life's enjoyments come to us second hand. The junkman of Life sells back to us what once we sold to him. The sun that shines today is a second-hand sun; it lights second-hand rooms in which we lived yesterday, rooms filled with whatnots and souvenirs.





Gillies

THE GABLE END

The stucco house above with its interesting gable treatment at one end is in Riverdale, N. Y., the home of Robert M. Haig. Julius Gregory was the architect

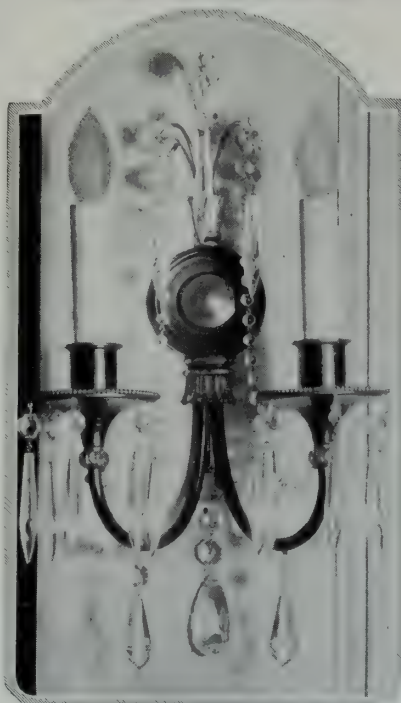


In a living room of French inspiration a pair of graceful girandoles in silver finish with crystal and amethyst drops may be used on the mantelpiece

Certain types of rooms require an ornamental fixture such as the one shown at the left. This is black and gold, with crystal pendants. Robert Phillips Co.



The beautiful Georgian two-light bracket above with its fluted base, graceful curved arms and delicate finial comes in silver finish. From Cassidy Co.



At the right is a mirror bracket engraved and shaped to suggest a shell. The frame is metal in an antique finish. From G.E. Walter



The dull silver bracket above with its simple beaded edge is a reproduction of an old English Sheffield scone. It would be effective on a dark paneled wall



The delicate arrow fixture above, suitable for a French living room, comes in dull gilt or in black. From G. E. Walter



Below. For a Colonial living room comes a reproduction of an old candle sconce with a wheel-shaped reflector. Phillips Co.



An interesting fixture for a Spanish or Italian house has a back plate of mirrors and deep blue glass. From Walter

LIGHTS FOR THE LIVING ROOM



A charming fixture for an 18th Century interior is shown at the left. It is shaped like a pineapple, finished in antique gold and ornamented with crystal drops Diane Tate and Marian Hall



For an early English interior comes a sturdy bracket in brass finish with an interesting hammered design and rope edge. From Cassidy

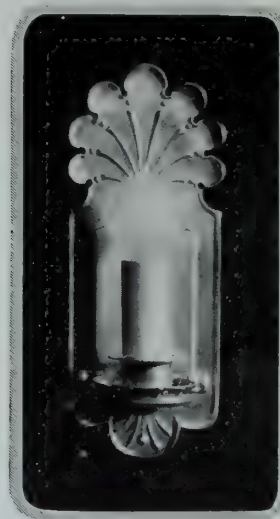
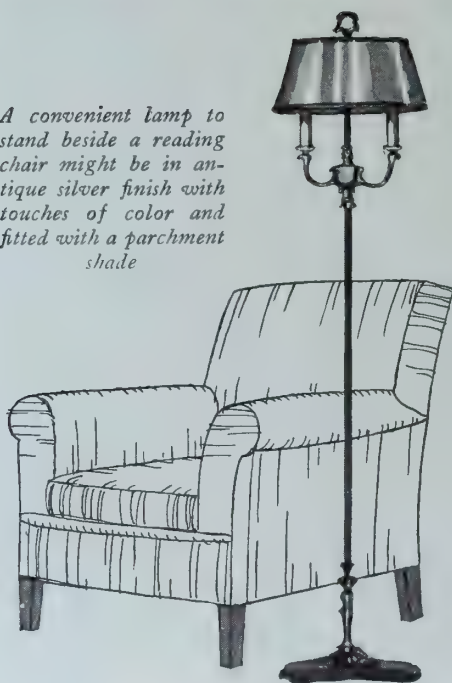


In an informal living room a two-light bracket such as the one above may be used. This comes in antique gold or in black and gold. The Lightolier Co.



In an early American interior with plaster walls and dark woodwork such a sconce as this pewter one would be appropriate. Cassidy

A convenient lamp to stand beside a reading chair might be in antique silver finish with touches of color and fitted with a parchment shade



Above is a fine reproduction of a Colonial pewter candle sconce notable for the graceful scalloped design of its back plate. From Cassidy

THE HOME OF ROBERT M. HAIG IN RIVERDALE, N.Y.

Julius Gregory, Architect



Left. A corner in the master's bedroom shows an interesting fireplace fitted with paneled doors, and a small built-in bookcase. The walls are rough-finish plaster and the curtains figured chintz



The walls throughout the house are rough finish plaster tinted a warm ivory tone and the wood-work dark oak. Above is a view of the dining room showing an effective tile floor

Books play a large part in the decoration of this house. In the study below are commodious recessed shelves while in the living room opposite books completely surround the wide window





COLLECTING EARLY AMERICAN GLASS

A Pastime Which Offers to Its Amateurs All the Pleasant Excitements of Search and Discovery

GRETCHEN LEE

THERE are days when life grows too bitter to be borne; when work and woe close in upon you like a vise. When you are besought and bedeviled by ladies in politics, by relatives in tantrums, by friends in their cups. When our duty has fled away upon you until you are too drab and dreary to stagger on.

Then you must escape—and to every man is given his own exit. It may be a Bach concerto or your neighbor's wife. It may be clothes or chloroform, singing or sin. You may write verse, wire a dog-house or wish for the moon. You may turn professor or pickpocket, bibliophile or bootlegger. But escape you must if you would endure. If you have tried them all and they have failed you—if ennui and misery still persist, turn to searching for old glass.

For here is a pastime so perfectly senseless that it is, as well, perfectly charming. It is as alluring as life itself and just as idiotically conducted. There is the same futile struggling against failure, the same mad scrambling for worthless baubles. The prizes of today refuse to hold water the day after. You are tricked and cajoled by hairlines and air bubbles and pontil marks; then in the end you fall for a crystal urn.

GLASS collecting has none of the virtues of the accepted games and sports. It rarely "gets you out of doors." Interesting old glass hides in evil-smelling kitchens, in shabby underground pawn shops, in back of harness and feed stores. It loves to lie alongside a leaking gas jet in the dark corner of a musty basement. It has always held kerosene at some stage of its usefulness, so it makes an admirable haven for dust and grime.

It never "develops character", the great boast of all genteel recreation. Instead it encourages bad manners and low practices. Glass collectors snoop in the affairs of others like reformers. They pry in pantries; they furbish in old trunks. They think and talk of nothing but prices. They brag more blatantly of their treasures than the newly rich. They hover about the home of some old lady who clings to her girandoles like a rising young embalmer looking for trade.

It requires no great taxing of the intellect. To be sure it takes some intelligence to detect spurious glass, some taste to appreciate its allurements, some knowledge to sketch in its proper background, but these demands are not heavy. They are nowhere

nearly so complicated as the rules for golf or good behaviour. It needs no particular field; any street except a fashionable highway may be a glass cache. You may search for anything, from the crystal chandelier, as beautiful and graceful as a great lady, to her country cousin, the awkward camphine lamp. You may hunt for beakers or bottles, candelabrae or cup-plates, pitchers or platters. Perhaps you may never find one of them. But you will surely find, if you will look for glass, romance and adventure.

YOU may, right off, stumble on a piece of Wistarberg. A pitcher, maybe, with its bulbous body and its flaring neck. You can lift it to the light to find its shimmering color deepen at the thicker parts of the glass. You can stroke it with your thumb to get the feel of its particular quality. You can know that you hold in your hand one of the earliest forms of American artistry.

It was made by a German, straight from Wald Hilsbach. His name was Casper Wistar—he began his career in America by making brass buttons in Philadelphia. Being young and venturesome he turned to less prosaic tasks. He founded the first successful glass works the Colonies had ever seen. But he couldn't do it alone and evidently the labor he could find among our forefathers was too clumsy for his liking. He was forced to draw upon the Fatherland. Jacob Stenger, Simon Kreismeir and John Wentzell came over to lend a hand and his early payrolls included a Freas, a Troelinger, a Dielshower and a Kneidal. They set to work with blowpipe and marver, procellas and shears to make our earliest American glass—now on display at every convention of the D.A.R.

IF you are so far gone into decay that the sight of a Steigal bowl does not tighten your heart, you are far gone indeed. There is first the romance of the Baron himself. A swaggering, roistering fellow who came over from Germany a few years later than Wistar, with ideas and arrogance and a pocketful of formulas for making glass. He set up his furnaces and his kilns and went busily about his affairs—turning out glass that has never been surpassed. He put on airs, he strutted before his townsmen. He demanded the homage which all artists deserve. Alas—he wound up in the almshouse and there was doubtless much chuckling over it among his less talented neigh-

bors in Manneheim, Pennsylvania.

But he left behind fragile utensils of marvelous charm and beauty. Mugs shot with a regal blue that can not be approached by modern glaziers. Bowls of his steely, icy crystal at once sturdy and delicate. Balls of elusive, striking tints which were used as stoppers for the mouths of jugs. He fused beauty and usefulness in a fashion that is all too rare. When his handiwork appears in the out-of-the-way places, a country auction, a back street shop, it is glaringly conspicuous among his imitators and his successors.

Or you may search for Sandwich . . . usually a clear glass pressed into curving acanthus leaves, horns of plenty, and clipper ships. You admire the cup-plate, that handy little dish in which our ancestors rested the cup while they drank from the saucer. They blew into them the news of the day—a picture of the Cadmus, the boat which bore Lafayette to America just a century ago, a profile of Major Ringold, a lumpy log cabin with its cider barrel and now and then a motto to keep the mind on lofty thoughts.

THIS habit of writing history on as fragile a tablet as glass is one of the amusing turns of its search. What a hopeful dreamer it was who fashioned a weary horse drawing a car loaded with lumps of coal and bales of cotton along the rails—and then encircled the picture with the cheery wish, "Success to the Railroad." Zachary Taylor, the hero of our valiant war with Mexico, glowers out of the side of an old bottle with "General Taylor Never Surrenders" spelled out above his head. Benjamin Franklin, an austere patriot with his nose slightly askew, sparkles beneath his own words, "Where Liberty Dwells, There is My Country."

But the greatest charm of glass is the charm of the people who own it. It has a delightful affinity for the cheerily irresponsible. Where old chairs are cherished by the doddering or the niggardly or the bumptious, and old china by the thrifty, old glass falls into the hands of those who "keep it for its looks." They will hang on like death to an old glass pitcher with a wind-blown Venus and her rowdy looking child on its side because, "it's sort of pretty like." They'll refuse most generous offers for a candlestick with coffin prisms because they like to hear the occasional tinkling of the crystal in the breeze. They will

(Continued on page 146)



Hewitt



The six views on this and the two succeeding pages are from the garden of Walter Douglas, at Chauncey, N. Y. Above is a corner of the lower garden at Darwin Tulip time

One of the loveliest border groups for spring consists of Lilies, Iris, Columbine, and the dusky bellies of Sweet William edged with Pinks and backed by Spirea van Houttei



The Rose garden is laid out each side of a wide panel of turf. This is edged with a line of Arborvitae and standard Roses for accent points. The background is formed by a series of bowers over which grow climbing Roses. The Rose beds alternate with solid beds of Sweet William

One of the long borders in the Douglas garden ranges along the terrace above the tennis court. It is marked off by a series of posts and chains on which climbing Roses are trained. Iris is planted between, with Peonies and Columbines and the foliage of summer flowers filling the wide bed



Iris is the favorite flower of Mrs. Douglas and it has been planted in great abundance and variety. The tennis court area is surrounded by a double Iris border, the plants being set in the slope of the terraces with a wide turf path separating them on the level between

An Iris garden such as this is unbelievably beautiful in late Spring. Early and late varieties give a long succession of bloom. The great clumps are planted according to a well-considered scheme of color effects so that the garden at this season is a dazzling rainbow of tints





A rock garden the second year after planting. These colorful May effects are made by Mountain Phloxes, Alys-sum saxatile, Rock-cress, Viola cornuta Chinodoxa lucilas and Scilla siberica. The garden, which is on the place of H. J. Potts, Germantown, Pa., was designed by Richard Rothe

COLOR IN THE ROCK GARDEN

Some Simple Combinations of Plants That Add to Nature's Abundant Display

LOUISE BEEBE WILDER

ALTHOUGH these notes have to do with color in the rock garden they are not by any means to be understood as advocating a color-scheme. A rock garden is supposedly the best report we can give of a rugged natural scene, and what more incongruous than a pattern of tints and tones,

each the happy complement of the other, nicely fitted among jutting crags and winding valleys?

Some one has said that a rock garden should appear neat but natural; and we might add that, while we may go to great pains to make its color associations lovely, they should appear quite careless and unpremeditated.

In no other phase of gardening may such exquisite color associations be invoked with so little thought and planning, and

nowhere else do we ever have such amazing colors and textures to do with. Nothing is easier than to make charming pictures in the rock garden. Indeed, more often than not they make themselves, seeming to delight in surprising us with gaily entanglements where roots have run together

Dianthus suavis is a charming Pink with gray foliage. Here it is shown in the author's garden behind one of the sky-blue Penstemons from Colorado

In the author's garden is this group—Dianthus deltooides, a bright rose Maiden Pink, with a clump of an attractive Arenaria in the foreground





The English Bluebell, *Scilla festalis*, growing with American Rock Pink, *Silene pennsylvanica*. They are interplanted with Hepaticas for an earlier show



From Thibet comes this new Poppy, its warm yellow blossoms showing well against pinkish stones and the hoary foliage of *Helianthemum*

ringing about the most felicitous alliances, where seeds have crossed a wide stretch of country to spring up and take their part in a scene that is the gayer for their coming.

Sometimes the picture will be no larger than your hand, again it will cover a hillside, again, at certain seasons, all the garden will blaze and shimmer with breadths of azure, of rose, of gold, of grey and, here and there, bits and patches of high scarlet that give life and meaning and the

(Below) Small treasures that are at home in the rockery of Clarence W. Lown, Poughkeepsie, N. Y.—*Haberlea rhodopensis* and *Saxifraga sarmentosa*

tang of the unexpected to the enchanting scene.

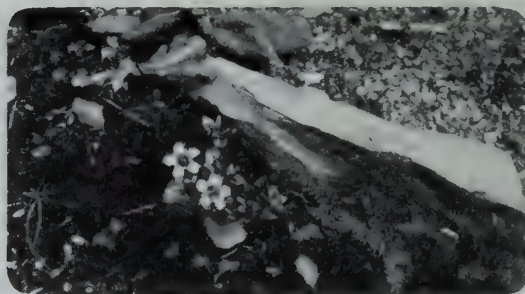
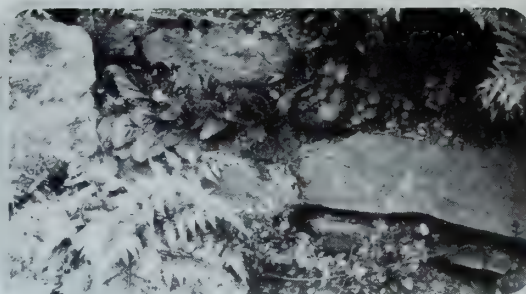
We may plant closely in the rock garden and underplant with hundreds of little bulbs so that more than one display takes place on each bit of ground. But in doing this we must guard against planting the

(Continued on page 118)

White Peach-leaved Bellflowers, *Campanula persicifolia*, are planted in Mrs. Wilder's garden, against the green of the wood

(Below) A bright blue *Gentian*, a gray stone, a tuft of silvery Ferns, with *Geranium septemtrionale* and *Cheilanthes lanosa*

(Below) *Phlox subulata*, a clear bright pink, is planted in the author's garden with *Fumitory*, *Orydalis lutea*, for neighbor



(Below) White Geranium, Purple Bellflower, Ferns and Columbines make this delightful tangle in a little corner of Mrs. Wilder's rock garden



OPENING THE CLOSED HOUSE COMFORTABLY

*Some Things to Look After Before
the Country House Season Begins*

ETHEL R. PEYSER

THE opening of every house after a period of vacancy begins before or when it is being closed. It is strange, but no less true, that whenever a house is being closed there is always more or less haste to leave it—to get on to the next house, or to do something else. It is in this rush, that things are left, oftentimes, in a chaotic state, which, upon the re-opening of the house, necessitate corrective and expensive measures.

Very often too the house has been lived in despite faulty conditions, and in this haste of departure the discrepancies are overlooked, which, had they been doctored in time, would have saved money, time and health.

One of the first things to be done when opening the house is to air it thoroughly. This is a wise precaution in all seasons. When the house is opened for winter occupancy, the furnace should be started for a day or two, to warm and dry the home. Many a cold has been contracted, because people have chosen to live in houses that are cold and discomforting.

At this time, then, may appear any difficulty with the furnace, which, of course, should be repaired at once.

While airing the house, it is wise to go through it from cellar to roof, in an attempt to detect any odors, which do not belong in the healthy home. These would come under the head of gas, if it is used in the house; decaying animal matter, which is a common **occurrence when** a mouse or chipmunk dies inside or outside of the walls; and any traces of sewer odors. So this period of airing and heating the house can be used for the period of inspection, in which can be prevented vast unpleasantnesses of living.

Before lighting any gas stove, or gas fixture, escaping gas should be interpreted as a warning and measures taken to prevent explosions. Airing the room in which the leak originates is a wise precaution.

Wiser than all things, however, is to engage the gas man to come and investigate for leaks and have the electrician come to see that all the wiring and fuses are in good condition.

FAUCETS are often neglected in the house which is being opened and, frankly too, in the house which is continuously occupied. Although water is used constantly, very little attention is paid to its comings, until it begins to act strangely or until it refuses to come at all! When the house is opened, the faucets should be

turned on, one by one, under observation, and viewed as to the color and condition of the water, whether the flow is normal and whether the faucets drip or are in good condition. If the water is rusty and the faucets persist in ejecting brownish and unpleasant looking water, which does not clear up on long runnings, it is wise to see a plumber or treat the pipes with a rust annihilator. But, of course, the wisest thing when such a condition persists is to have a water analysis and then, if necessary, get an excellent filter which filters the water from the cellar as it enters your house. . . . If it is only the pipes that are rusty, this can be cured by new pipes or some anti-rust treatment. The best thing to do is to install brass pipe throughout the house to banish, once and for all, rust and leaks in the plumbing system.

The faucets that leak can be mended and save unnecessary drippings, splashings and noise, to say nothing of the extra cost of water, if you are "on" a water meter. Gallons of water are wasted yearly in drippings of faucets. If the faucets cannot be mended, it will be interesting to a householder to inspect the many styles of faucets made for special needs and uses and get some new ones. These things seem absurdly simple while reading an article like this, but in actual experience, they are the complex simplicities which rudely interrupt living.

IT IS most important too, to inspect the house for sewerage gas which is prone to invade through the pipes that have access to the street mains. There are curved necks in the pipe traps under the sinks which are supposed to hold water, and prevent the entrance of sewer gas. If, for some reason, these are failing in their duty, odors will creep into the house. It is well to see that these safety traps are not clogged, by letting water flow through them copiously and by supplying them with new, clean water.

Meters are alien and mysterious things only because users do not allow themselves to become intimate with them. How few can read the water meter, gas meter or electric meter! Before closing and after re-opening the house, these simple dials should become a part of the reading habit, if bills are worth considering. Before closing the house, all the meters should be carefully read and the reading recorded, so that they will not be forgotten. When the house is opened the meters should again be read. In this way leaks will be detected, if, for

some reason, the gas has not been turned off; the water turned off; or the electric current discontinued. Even if these supplies have not been cut off, the meters should be read when opening the house in order to gauge the accuracy of the bills when they come, and to know intelligently how much gas, water, electricity, is being used. When the house is closed, the gas, water and electricity should be cut off.

CHIMNEYS and flues should be well inspected before going into the house that has been vacationing. This will forestall dangers of fire and back smoke which can be not only dangerous but a constant source of inconvenience and discomfort. There are men whose business it is to doctor flues and chimneys and in this case, an ounce of prevention is worth many pounds of cures.

At all seasons of the year, whenever a house is opened, the windows should be examined. The window that rattles and that admits undesired draughts is not only a nuisance but a menace. No window can be draught proof, unless it is metal weatherstripped. Little regard is taken of the colds and ailments that result from leaky windows and nerve-wracking rattling windows. Many a good floor has been ruined by a window which invites rains, snows and winds into the home. Often on entering a house, the floors near the windows will be in very bad condition due to the entrance of rain and snow. Therefore, the house that is weatherstripped, will save much time and money for the owner. Furthermore, the metal weatherstripped house keeps out dust and when applied to the house, the house cleaning at the re-opening will be far less arduous because it will be far less dirty and sooty.

During the absence of interested dwellers, the roof which has been continuously in action, needs attention. It is wise then, to look over the needs at this point to see whether you can forestall trouble due to damaged shingles and the like. Of course when the house was built, the more permanent type of shingle would obviate any trouble here. We cannot help stressing the fact that the better shingle, though more expensive, will be cheaper in the end, for it is comforting to be able to say,—"We can let the roof take care of itself," when re-opening the home.

All the exterior locks of the house, should be well tested to see if they work efficiently
(Continued on page 174)

A LITTLE PORTFOLIO OF GOOD INTERIORS



Lee

The photographs on this page are of the living room in the home of Leigh French, Jr., in New York City. This room opens on to a garden and because of its informal treatment suggests a country house interior

The main feature of this room is the fireplace side with its fine paneling and recessed bookshelves, painted apple green. The walls are plaster tinted a soft cream tone. Mr. French was the architect of this house



W. R. Perkins



The pictures on these two pages are of a combined living and dining room in the home of Mrs. Alfred R. White, in Cincinnati, Ohio. Above is an unusually livable fireplace group showing overstuffed furniture covered in figured and plain materials

The walls in this room are rough plaster tinted apricot color and the ceiling pale robin's egg blue. This blue is repeated in the covering of several chairs and in the curtains of sheer gauze. At the left is shown a comfortable corner used as a study



Above is the library and music end of the room showing the interesting manner in which the furniture has been grouped. The chairs are covered in beige and brown linen and the love seat against the far wall is done in gold, apricot and turquoise blue tapestry.



The oak refectory dining table is placed before a group of western windows overlooking a walled-in terrace garden. In the far corner is an interesting Italian ecclesiastical picture frame converted into a two-shelf book niche. Mrs. White was the decorator of this house.



Sherril Schell

IF YOU HAVE TO LIVE IN THE CITY

Within the past few years a very literal method of high living has been developed where tall buildings abound. In New York a surprising number of skyscrapers are topped by one-story structures up to which the roar of traffic comes as the gentle murmur of brooks and breezes. From this Olympian bungalow New York lies below in thrilling but peaceful panorama

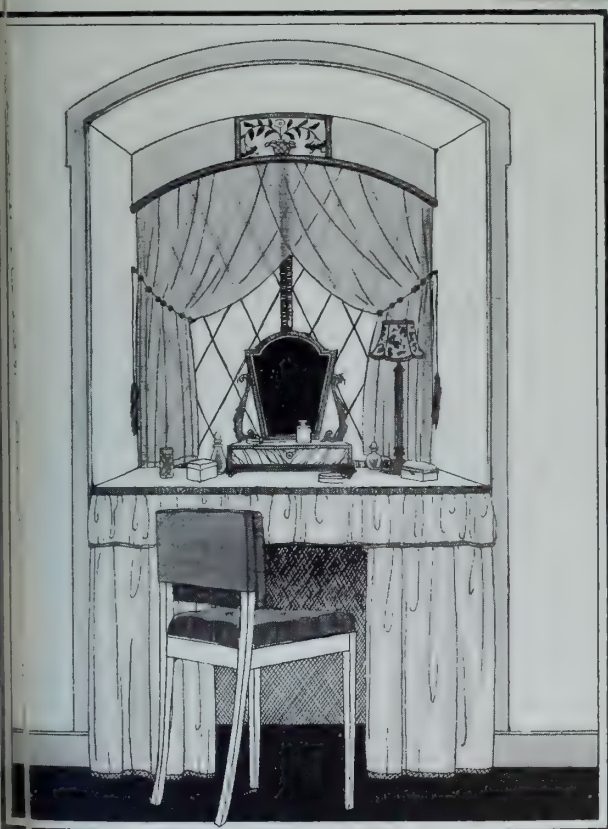
AGAINST THE GLASS



Soft, sheer voile comes in a wide range of sunfast colors suitable for glass curtains. The simple curtain above is trimmed with three picoted bands in a darker shade. Hope Hammond, decorator



In the room above a decorative painted window shade has been used with a pair of sheer green gauze curtains hung from an ornamental valance board. Thedlow, Inc., decorators



The sunfast voile above has an interesting drawn work design and comes in all colors

Above. Soft cotton fabric in all colors with stripe in darker shade and line of openwork

Left. Curtains of coarse net in golden yellow are hung from a painted wood valance board decorated with a colorful flower print cut out in back so that the light shines through



The Gold and Silver Flower is the apt common name given to Lonicera japonica chinensis. It hails from China and is first cousin to Hall's Honeysuckle. Flowers are white changing to yellow, red young shoots and leaves

HONEYSUCKLES IN BUSH AND VINE

*This Great Plant Family Contributes Generously
To the Color, Form and Fragrance of the Garden*

E. H. WILSON, V. M. H.

HONEYSUCKLES and fragrance are inseparably associated in our minds and when we think of these plants memory calls up and visualizes those with twining stems, clustered bunches of tubular varicolored flowers rich with honeyed scent haunted throughout the summer with darting Humming Birds and buzzing Bees. Often they recall some old homestead with porch and roof dowered with an unruly tangle of growth, the air filled in the cool of the morning and evening with intoxicating fragrance; the balm of peace and content enfolding the whole scene. Or maybe they bring back memories of some woodland stroll where cool air laden with perfume gave zest to the passing hour. But always it is the delectable sweet odor the senses conjure forth. Surely plants which leave such vivid fragrant memories are worthy of intimate acquaintance.

The Honeysuckle or Lonicera family is a very large one and some members at any rate are suitable for gardens anywhere and everywhere in this country whether they be in the cold north or warm south. The climbing section of Woodbines has been alluded to but there is a larger group of bushy habit less blessed with fragrance perhaps but extraordinarily productive of flowers and brightly colored fruits. And among both

climbing and bush Honeysuckles are kinds with evergreen foliage.

The climbing Honeysuckles are mainly woodland plants thriving best when their roots are sheltered and the soil cool. Also they are happiest when the air is more or

less laden with moisture and for this reason flourish by the seashore. The Bush Honeysuckles in general love sunshine and by this token give much greater returns and are far better garden plants in this country than in the British Isles. Indeed, some like the Tatarian or Fly Honeysuckles are among the most satisfactory shrubs the gardens of the colder parts of this continent possess. One evergreen sort at least (*Lonicera nitida*) is proving a quick-growing hedge plant of exceptional merit in California and other mild parts of this country.

Handsomest of the Woodbines hardy in New England is *Lonicera tragophylla* which thrives at Bar Harbor. When perfectly happy in cool deep loam and partial shade this plant will twine over bushes and trees, trellises and porches twenty feet high. The flowers are bright yellow, each from three to three and a half inches long, and borne ten to twenty together in a terminal head at the end of the branchlets. A large tangle of this Honeysuckle in full bloom is a sight to be remembered.

(Continued on page 114)



The handsomest of the Woodbines hardy in New England is Lonicera tragophylla, a native of central China. Flowers are bright yellow. Mr. Wilson introduced this Honeysuckle

Distinct and curious is the tubular, twin-flowered *Lonicera involucrata*, a bush Honeysuckle native to the north-west. Flowers are yellow, orange and red



McFarland



In late summer and autumn the Honeysuckles bear fruit lovely in color. Above is an arching branch of *Lonicera bella*, weighted down with clustered crimson fruit

(Right) *Lonicera Maackii* is one of the best bush Honeysuckles, with clustered milk-white flowers. Its fruit ripens in October. China is its native heath



McFarland

The last bush Honeysuckle to shed its leaves and fruit is *Lonicera Maackii* var. *podocarpa*. December is the month. This is also one of Mr. Wilson's introductions

Below is a mature bush of *Lonicera Maackii*. Since it holds its fruit and leaves late into the winter it is a valuable addition to garden beauty when that beauty is limited





Nothing in stone could be more impressive or effective than these clipped Yews which stand like two great pylons guarding the stairway to the lawn of this English garden

HEDGES IN MANY MANNERS

Plants Clipped in Straight Prim Lines, Give An Architectural Quality to the Garden and Grounds

H. STUART ORTLOFF

THE Jesuit poet, Rapin, in one of his quaint old poems tells us that Flora's hair hung all undressed, neglected "in artless tresses" until in pity another nymph "around her head wreathed an boxen bough," which so improved her beauty that trim hedges were placed ever after "where flowers disordered once at random grew." In any event the use of hedges has come down to us from the days of the ancients, and has played an important part in landscape design. They have served many purposes both useful and ornamental and today we find them almost indispensable as elements in the garden scheme. It is our purpose here to speak briefly of the use of hedges in the past and with this as an inspiration and guide to deal more specifically with the hedge as a modern garden element.

The dominant characteristic of the French garden, since the days of Le Notre, has been the long straight avenue. What better way of bringing out the beauty of this line than by reinforcing it with neatly clipped hedges? From this simple treatment of path and hedge were developed the idea of clipped alleés,

pleached alleés, bosques and finally the varied, though perhaps too artificial, topiary forms, often becoming pictorial or grotesque. In our modern gardens we may accept the idea of the hedge bordered path and avenue, the pleached alleé, and the bosque, discarding those over-florid forms into which the enthusiasm of the Renaissance gardeners carried them. The sudden contrast of shade and sunlight brought about by combining these long shady vistas with open lawns is particularly delightful.



In England, where the climate made enclosed gardens practically a necessity, thick hedges of Box and Yew came into use for this purpose, surrounding rectangular parterres and terraces. These were later combined with the French alleés into a composite type of garden best exemplified by Hampton Court. Due to the ease with which Box and Yew can be trained, topiary work became also very frequent, rising to heights of both great beauty and absurdity. Here again, the modern gardener, selecting the wheat from the chaff of past experience, uses the hedged enclosure as the foundation form of which his garden is built, designing its interior arrangements with regard to the uses which the present-day garden is to serve. Instead of the over-emphasized use of bedding plants and formal parterre work, we now develop broad grass panels surrounded by deep borders of perennials and

(Continued on page 162)

This enclosure on an English lawn depends for its whole attractiveness upon the artistic arrangement and shape of the hedges. While Yew could not be used here, Hemlock would give a similar effect

For a large evergreen hedge, particularly if used as a background, as in this garden of the late Augustus St. Gaudens, at Cornish, N. H., White Pine is splendid

Low hedges of clipped Box outline the beds in the garden of Mrs. H. H. Rogers, at Southampton, N. Y. and add a note of primness to the ensemble



Pleached Lindens are hedge like, if not actually hedges, and provide an excellent formal approach to architecture in the garden



In this garden the perennial borders are lined with an edging of hardy Pinks, whose tenacious foliage carries their effectiveness through several seasons of the year

A Box hedge in this garden marks the division of lawn and terrace, thus separating the contrasting surfaces of stone and turf with perfect harmony



LEADERS, GUTTERS AND FLASHINGS

*These Often Inconspicuous Fittings of Sheet Metal
Are What Save the House from Leaks and Dampness*

FREDERICK HOUSTON

SHEET metal work is one of the details of building not overly apparent to the casual observer but of prime importance to the householder, if he is to be dry housed and well protected against spotted ceilings and walls due to leakage of water from rain and melting snow. It falls into two main divisions. First there is what might be termed the exposed plumbing for the roof surfaces, the gutter and leader (down-spout) system for taking off the roof water. Then, as a second division, there are the flashings-sheet metal protection worked in wherever roof and wall materials do not fit together sufficiently well to shed water.

In general flashings are to be found where such features as chimneys and dormers emerge through the roof, and in the hip and valley angles caused by changes in direction of the roof surfaces. These are but a few locations, however, where flashings have to be put in, for throughout the building from the first floor up, this necessary insurance against leakage has to be carefully planned out and installed.

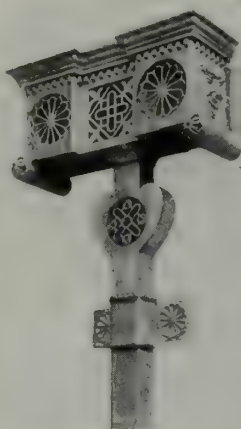
In these days of city water for the town dweller and the bored well and small private pumping plant for the country house, we do not appreciate the preciousness of rain water in former times, and

the elaborate preparation made for its collection and storage.

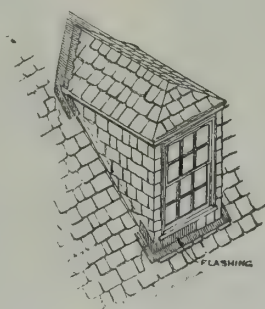
Our present system of gutters, and leaders for draining the roof may be looked upon as an English refinement, which attained a very high development in the 16th and 17th Century. In late Gothic and Jacobean building, the plumber, still true to his name and a lead worker, was often an artist, as is evidenced by the richly worked gutters, leaders and leader boxes which in some quantity, still remain in place in England today.

A beautiful accompaniment of this old English water collecting system was the lead cistern to which the "leaders" were run. In many English mansions the utilitarian cistern was a highly ornamental feature of the courtyard. Mounted on a stone base and set against the house wall, the location was ideal for showing off the surface enrichments of armorial bearings, mouldings, bands and figures in low relief. This enrichment did not stop with the cistern but was applied to the down spouts, leader boxes and such leader gutters as were used.

The wooden cask was the simple substitute for the lead water tank, and is still in occasional use. In our own
(Continued on page 170)

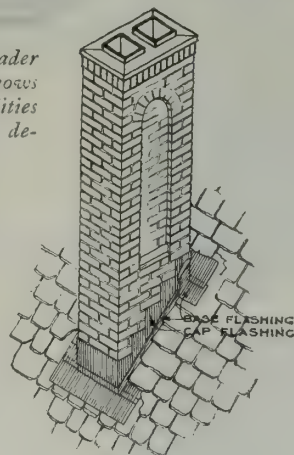


This ornamental leader head, done in lead, shows the artistic possibilities of these practical devices



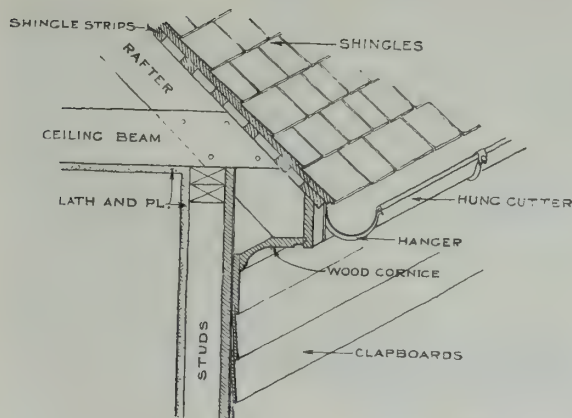
FLASHING FOR DORMER ON SHINGLE ROOF

Flashings of sheet metal are set to tighten the joints where dormers meet the roof



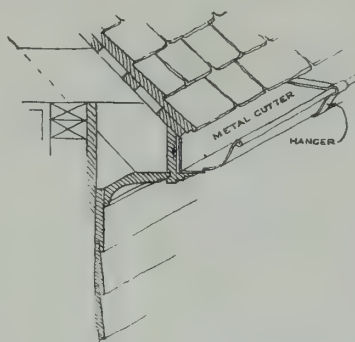
STEP FLASHING FOR CHIMNEY

They are used in the same way on chimneys, and thus prevent leakage through the crevices



HALF ROUND HUNG CUTTER STOCK PATTERN

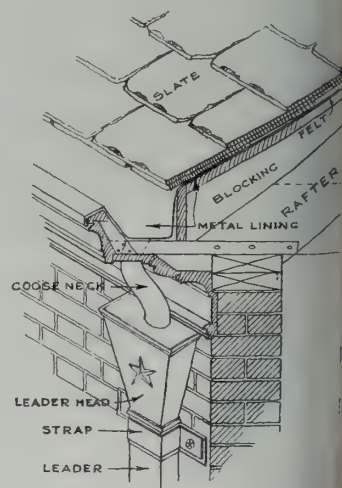
The half round gutter is the simplest and least expensive type. This diagram shows how it is put in place



MOULDED HUNG CUTTER

The moulded hung gutter fits snugly under the eaves and continues the shape of the cornice

A box gutter is one concealed within the cornice and is invisible from below



A WOOD CORNICE CONCEALING A METAL LINED CUTTER THIS IS TERMED A BOX CUTTER

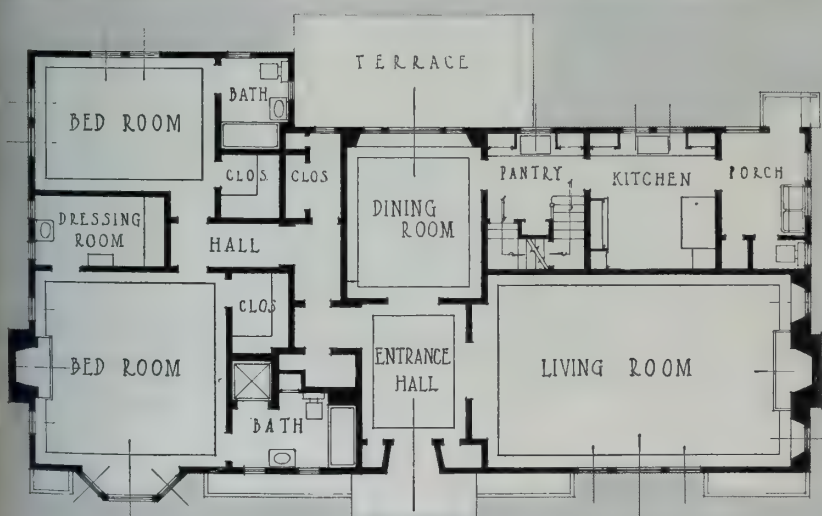


The long low lines of this house in Pasadena, coupled with the spirited pitch of the roof, give it an unusual distinction which is increased by the surface texture of the white walls. The latter are built of stone, but are so completely parged with cement that there is only a suggestion of the actual material underneath

THREE PAGES of SMALL HOUSES from KENTUCKY and CALIFORNIA



The chimneys, parged and whitewashed to match the walls and set with terra cotta chimney pots, are nicely placed at each end of the house to serve as accents in the architectural scheme and add to the clean-cut appearance of the building



Practically all the rooms of the house are on the ground floor, the story above containing only the service bedrooms. The living room, with kitchen and pantry, is separated by dining room and hall from the bedrooms. George S. Hunt, owner; Marston, Van Pelt & Maybury, architects



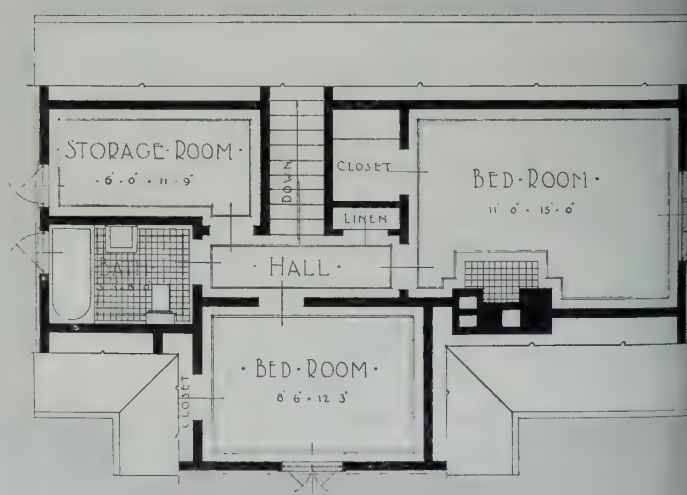
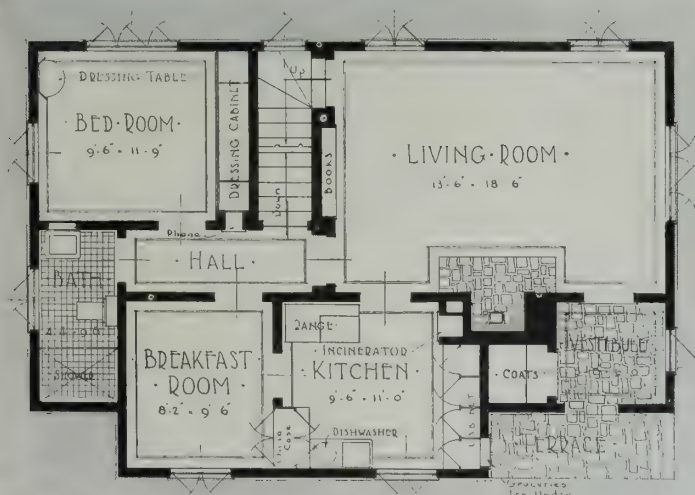
This house lies upon one of the most trying locations imaginable—a site that slopes sharply away from the road; but it has been cleverly designed to overcome the trials of its situation



The roof lines fall into an attractive architectural mass as one peers over upon the house from the edge of the highway above. Two large Pines cast their shadows over the shingles.

The first floor contains a well-balanced living room, with stair leading off it to the floor above, a well-planned kitchen, breakfast room and an apartment of a bedroom and a bath

On the second floor are two bedrooms, a bath and a storage room all opening from a central hall. Henry Norton Foster, Ashland, Kentucky, owner; Tyson & Foster were the architects



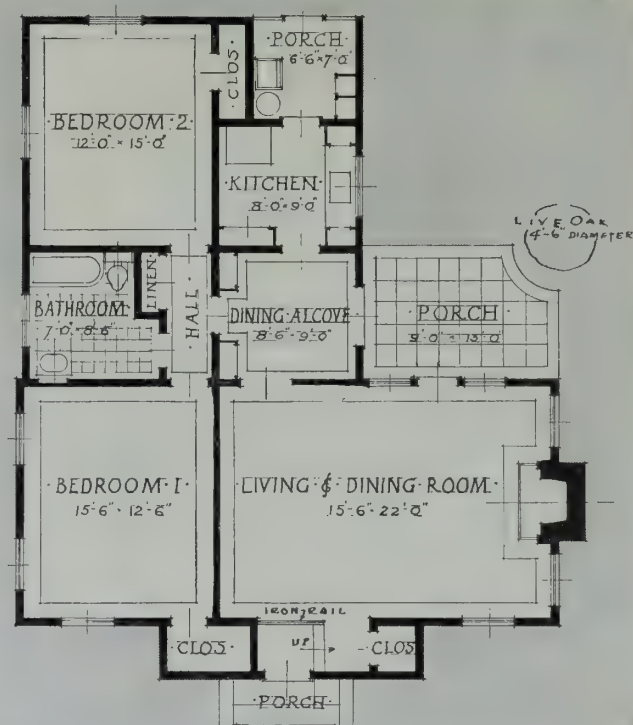
A SMALL FRAME HOUSE IN CALIFORNIA

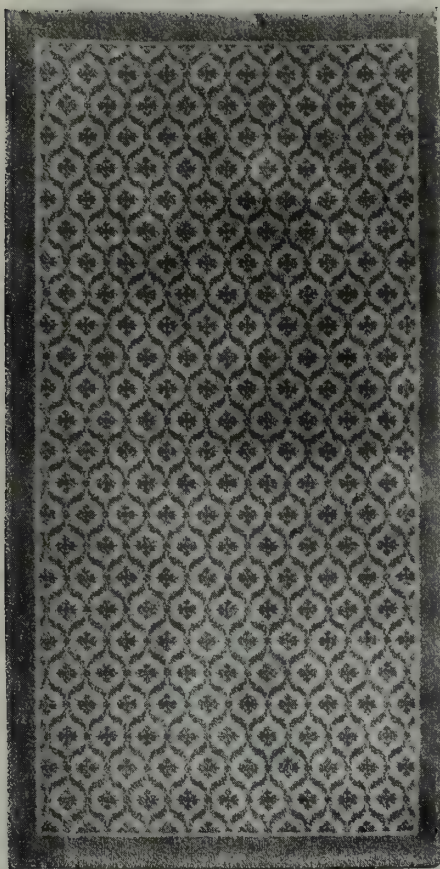
The shape and arrangement of this house have been controlled largely by the great Live Oak whose bulk and shade fill the interior angle of its L-plan. Mrs. M. P. McMurray, Pasadena, California, owner; Donald P. McMurray, architect



The entrance is in a short gable end, nicely mounted and set behind a wrought iron rail. The house is finished in white-painted ship lap—an ideal exterior for a house of this size and character

A dividing wall through the center of the house separates the living section from the sleeping quarters, the entrance to the latter being made through the dining alcove that is also a hallway





Above. A practical rug for either a country house living or dining room because of its self-tone all-over design. It is wool wilton in soft taupe color. All sizes. From B. Altman & Co.



Above is a practical and decorative rug made in Kashmir of felted goat's hair. The embroidery in vari-colored wool is on a natural or colored ground. Four by six feet. B. Altman & Co.



The rug above suitable for a summer bedroom, bathroom or nursery is washable and sunfast. It is cotton chenille with a tan ground and flower design in colors. From Mrs. Gillette Nichols

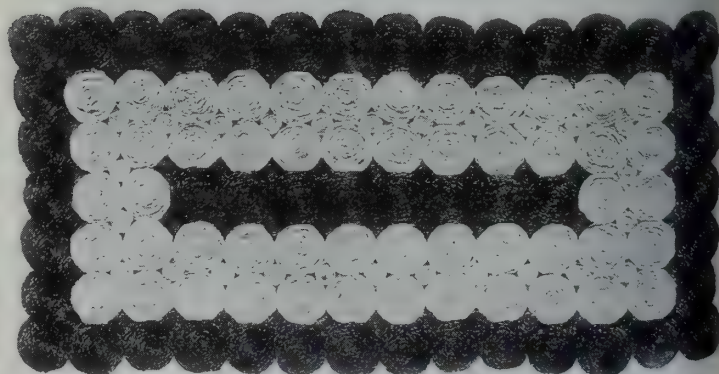
Right. The quaint charm of hooked rugs is as potent as ever. Decorative and durable, this type of rug is particularly attractive with maple furniture. From Lord & Taylor



Below is an interesting new fibre rug for a porch. It has a natural center and a scalloped border in green and black, brown and black or plain dark brown. It comes in all sizes

RUGS FOR THE SUMMER HOUSE

The porch rug below, so effective in design, is Florentine fibre. It comes in black and tan, red and black or orange and green. It may also be had in various sizes. From B. Altman & Co.





Ionides

The porch above in an English country house is notable for its furniture in the Chinese taste and for its interesting use of Chinese painted screens as wall decoration



Mary A. Williams

This garden room with its flowery paper in tones of green and purple, its bowls of fragrant flowers and its comfortable furniture, painted cool green, is delightfully suggestive of the out-of-doors

LACES TO ENJOY THE SUN

Comfortable Chinese rattan furniture is used on this brick-paved porch in the Massachusetts home of C.A. Robinson-Smith. Coffin and Coffin, architects



Gillies

THE ART OF PLANT-BOX GARDENING

*Indoor and Outdoor Gardenettes: Their Construction,
Color, Soil Preparation and Plant Combination*

LEAH STANLEY HURLBERT

WINDOW and porch boxes are pleasant additions to almost every house. Especially are they splendid things for people who live in apartments or on small city lots where there is no place to garden save on porches and in windows.

These boxes may be used to accentuate a color scheme or to form the basis of a color scheme all their own. They should be painted in colors that harmonize with those of the exterior of the house and the furnishings of the porch, if there is one near: white, sage green, bottle green, ivory, yellow or brown all being excellent colors, to which designs may be added if desired. All boxes should be carefully planned with reference to building dimensions, soil preparations and flower combinations. The same plans throughout are just as practical for indoor window boxes as for those outside.

Window boxes can be purchased at a reasonable price, or they can be easily constructed by anyone handy with tools. They can be made of wood, metal or cement. A zinc-lined box with an opening in the bottom for drainage is undoubtedly the best, but boxes unlined cost a bit less and prove quite satisfactory if prepared properly.

Do not plan too small a box, as the plants would become unnecessarily crowded. The box must be deep enough to hold sufficient soil to carry the plants through an entire season. This ensures both nourishment and slow evaporation. It should measure no less than 6 inches deep, inside measurement, preferably 8 or 10 inches, and should be about the same width. The most desirable length is 4 feet and the longest should not be over 6 feet. If greater length is needed they should be made in two sections. As they have to support a heavy weight they should be strongly built. The window boxes should extend the full width of the window casings. They may be supported by wooden or wrought iron brackets, depending upon the type of

the house. Braces may be made as follows: for a box 10 inches deep, a strip of wood as long as the box is nailed to the house 11 or 12 inches below the window casing. Three short pieces of wood the width of the box are nailed to the strip of wood that runs at right angles, the outer ends rest on still other boards which slant back and down to the baseboard of the house. This is one of the safest forms of support and is also cheap. As there is a great amount of weight it is best to nail through the studding. If the box is to stand on the porch instead of under the window, rest it on legs or supports of some kind or set it outside on brackets, rather than let it rest directly on the railing or floor, as that would rot the wood. If the box is not to be lined with zinc, it is best to char it on the inside so as to avoid rotting—with cypress, this process is really unnecessary as there is little, if any chance of decay. The charring can be done by saturating the inside of the box with kerosene and burning it out. After it has become thoroughly

charred, smother the flames with dirt. To provide for proper drainage in an unlined box, several holes about 1 inch in diameter and about 6 inches apart should be bored in the bottom of the box after it has been charred or prepared, and the holes should be covered with broken bits of flower pots or china, concave side down, or something that will not permit the dirt to run through the holes or pack over them and prevent surplus water escaping.

A layer of some sort of drainage such as moss, straw, straw manure or leaves should be placed at the bottom of the box. This prevents the soil from working down and clogging the drainage spaces. The drainage (stone and moss) should take up altogether about 2 inches. The greater the body of soil above the moss the more evenly moist it can be kept. Because the amount of soil is limited it should be of the very best. The ideal soil is a good, rich garden loam which is best obtained by chopping up rotted sod or digging some from the bottom of

the compost heap. Put a layer of the coarser soil over the moss and on top of this the finely pulverized garden soil mixed with one-fourth to one-third of its bulk of finest well-rotted cow manure; or dried sheep manure (obtainable from a seed house) may be substituted. Fresh manure should never be used as it burns the plants. Bonemeal is very good as it nourishes the plants and yet does not induce too rapid a growth—one-twentieth part bonemeal is the proper proportion. If the soil is heavy or clayey, it can be lightened by adding one part sand. Fill the box to within 2 to 4 inches of the top.

The selection of the flowers to be put in the boxes depends somewhat upon the exposure—whether North, South, East or West. Some flowers thrive best in



Plant boxes play an important part in the decoration of this terrace in Sutton Place, New York City. The combination used on balcony and walls is Geraniums and English Ivy



Porch boxes are built into this balcony and effectively soften the architectural lines of the house. The flowers which bloom in them so abundantly are Marguerites

A variety of plants has been used in the window box of this California house. Vines in the front of the box make graceful garlands to the ground

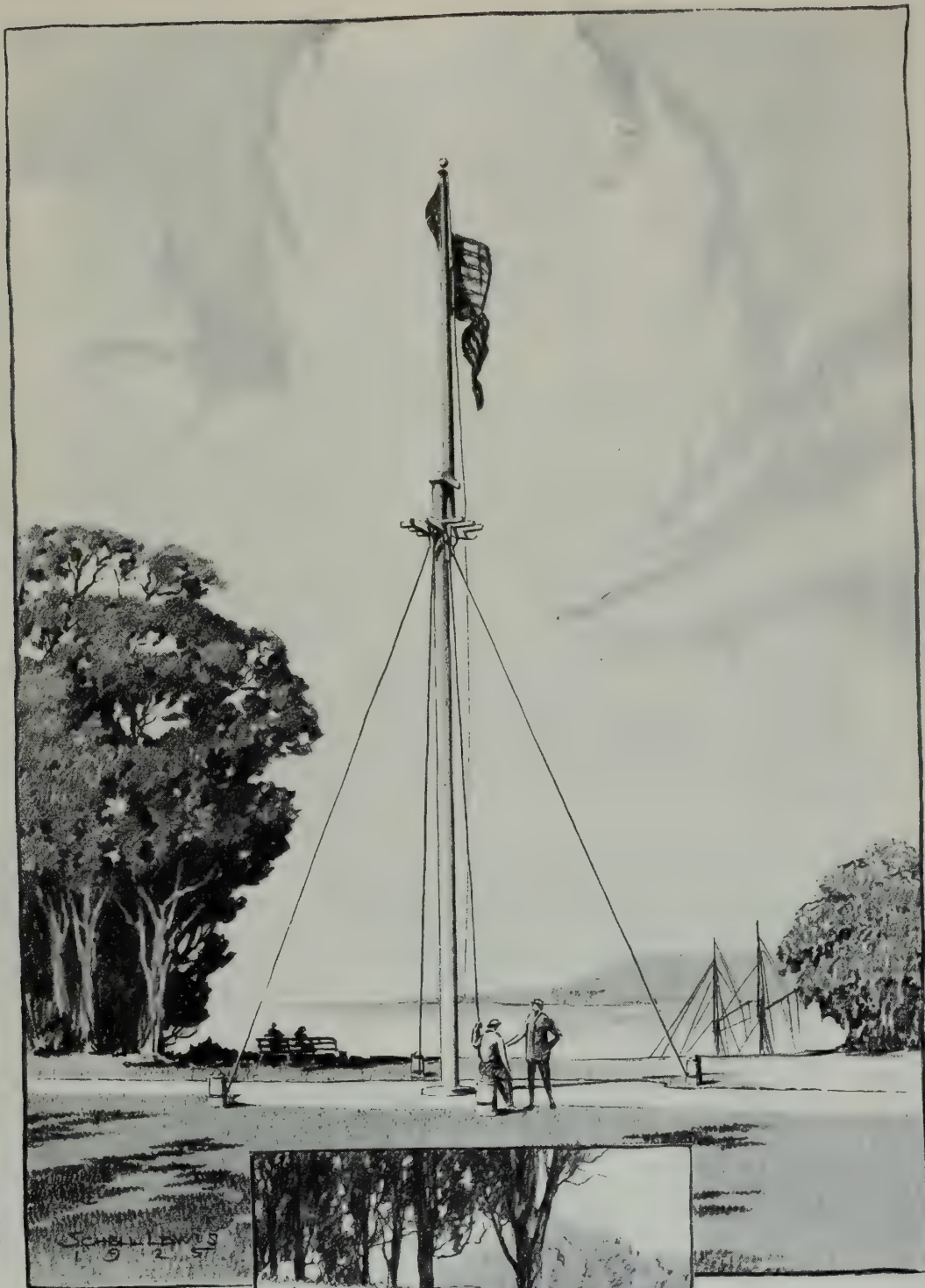
direct sunlight, some grow luxuriantly in the shade and die or stop blooming when exposed to the sun, and others demand certain proportions of both sun and shade. So in order to get luxuriant masses of healthy flowers and foliage, we should know the habits and needs of the plants we put in our gardenettes. Avoid crowding in too many varieties promiscuously, as some of the loveliest combinations are made up of just two kinds of plants—one kind of vine or fern and one kind of flower. Plant vines liberally to obtain grace and beauty. Avoid plants which become overgrown or "leggy". Use white flowers freely in all close-to-the-house plantings as they harmonize with everything. Annuals grown from seed may be introduced with good effect as they make some of the most interesting flower boxes and there are many ways in which they may be used at small expense and very little labor by the amateur. Try



to select plants for succession of bloom throughout the entire summer. It is a very easy matter to transfer most winter potted plants to the boxes if you so desire.

The front of the box should be planted first as it is the most important. All vines should go in the front—and be sure to have plenty to soften the sharp outlines of the box. Then fill in the back of the box with taller plants, and last of all fill in the center with the lower, bushier plants. The distance apart is determined by the size of the tops in maturity. The mature tops should almost touch and the whole planting should form a mass and yet should not be crowded. After the plants are planted, soil should be carefully filled in around them to within an inch of the top—making the surface as level as possible. Finish with a good heavy watering that will moisten the soil to the very bottom of the box. Do not set the newly trans-

(Continued on page 130)



This flagpole (Type A) while it is designed for a waterside situation, might well be used anywhere, for it has the virtues of simplicity and gracefulness, which go with the marine tradition

The bench below (Type A) is for a permanent position. The seat is a slab of smoothly finished concrete, and the supports, with their bottom course of molded brick, are of brick set on concrete bases

Flexibility of size is one of the advantages of the bench below (Type C). It can be made as long or as short as desired; and it is a fine combination of beauty and practical sturdiness



A light and comfortable bench is the one above, (Type B), beautifully proportioned and designed with simplicity of construction and inexpensiveness in mind

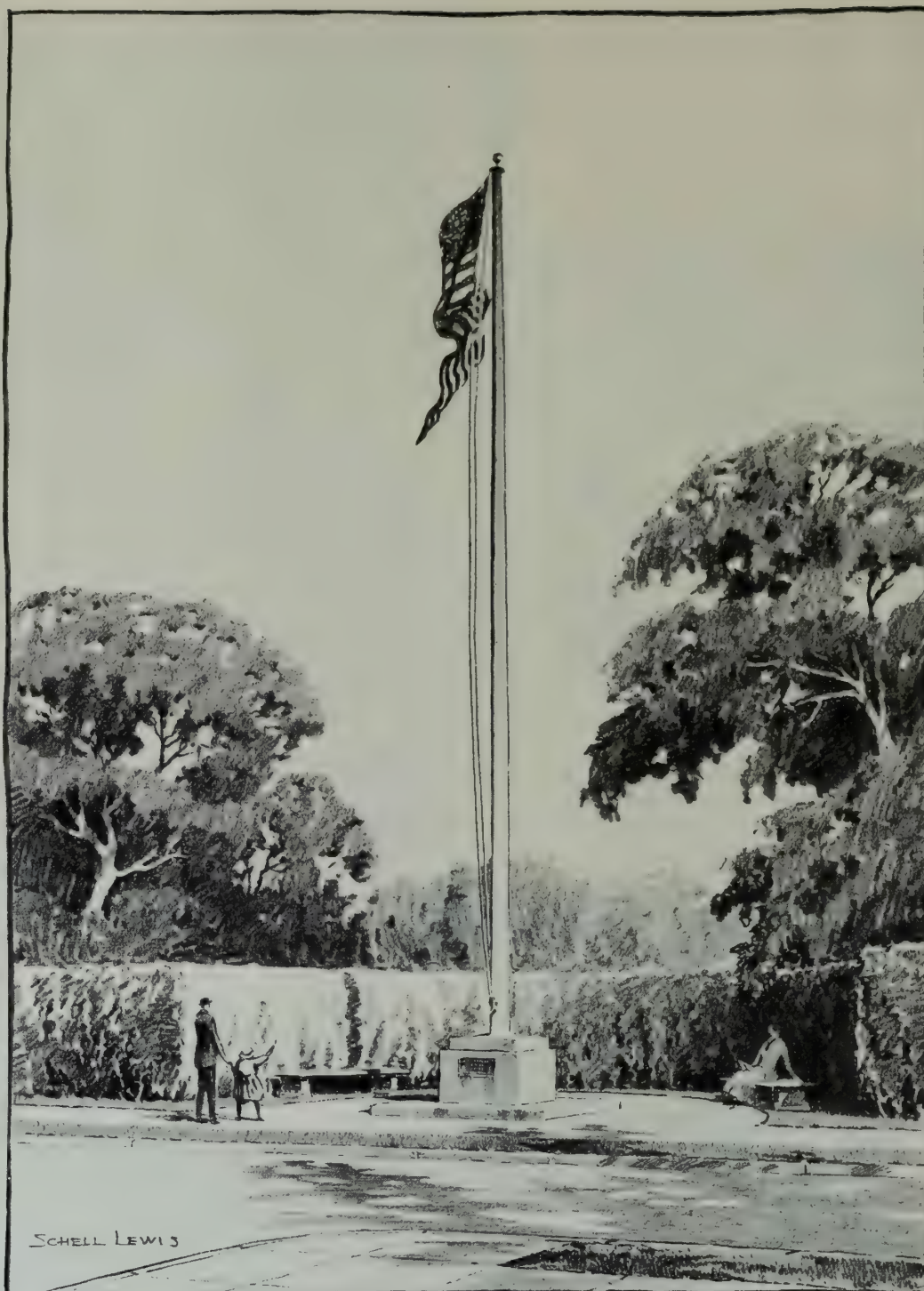


BENCHES AND FLAGPOLES FOR TOWN BETTERMENT

Last month designs were shown for Roadside Refreshment Booths; next month three Filling Stations will be shown, and each month thereafter some of the small architectural features of the community will be considered. As these are published working drawings may be had for the asking by addressing the Town Betterment Editor, House & Garden, 19 W. 44th St., N. Y. C.

WELL designed benches can do more to improve the appearance of small parks and roadsides than almost any other feature. Small items in themselves they set the note of the whole situation for beauty if they are good, and for homeliness if they are bad. In small communities (or large, for that matter), where a space of any sort is to be made effective, it is possible to achieve the desired result in many instances by nothing more than some well placed benches and some appropriate planting. Then, instead of using benches of commonplace character, it is necessary to use some which have distinction; otherwise the appearance of the spot will be nothing to lift it above its surroundings.

The same thing applies to flag poles—
(Continued on page 148)



This flag pole (Type B) is more formal and should be given an appropriate setting. Its base can easily be constructed of concrete, and a bronze plaque would make of it a dignified memorial. Reproductions of working drawings are shown on page 148



A bench such as this (Type D) with classic lines can be made of cast concrete and be used either in a formal situation or along a straight path in a park. The benches and flag poles were designed for House & Garden by Robbins L. Conn, architect

THE THOROUGHbred OF THE WOODS

*Walnut Ranks Among the Aristocrats Both for
Furniture and for the Finishing of Rooms*

SAMUEL J. RECORD

WALNUT is one of the finest cabinet woods in the world. It has stood the test of time. Trace its use back through the centuries, and it will be found a medium of expression for what successive periods have considered most beautiful and worthy in furniture design. As one lover of the wood phrases it, "from the massiveness of the Flemish, the elegance of Italian and French, and the balanced beauty of the 18th Century English, walnut, by its inherent qualities, has been the one cabinet wood that fulfilled all demands."

To belong to the cabinet-wood aristocracy, a wood must possess a high order of natural beauty of grain, color and luster; it must be of a consistency and texture that yields readily to the workman's tools; it must have strength and durability without excessive hardness or objectionable constituent; it must be able to retain its manufactured form and be comparatively inert to the changes of time and temperature and humidity. If its influence is to be wide

and enduring, there must, of course, be a continual and suitable supply of the timber available. Of the thousands of woods in existence, the number of those meeting all of these exacting requirements is exceedingly small. But however restricted the list, it is incomplete if it does not embrace walnut.

The three standard furniture woods are mahogany, walnut, and oak. They cannot be assigned a definite rank because each has a place which the other cannot adequately fill. All three are splendid woods and a choice must be made on another basis than the quality of the material itself. It is much like trying to decide which color of the spectrum is best; it all depends upon its particular application. Each of the woods makes its distinctive appeal. With mahogany one usually associates luxuriance! with oak, sturdiness and strength; with walnut, gentility. And yet there is no lack of sturdiness in walnut, and some of it is luxuriant and ornate enough; in general,

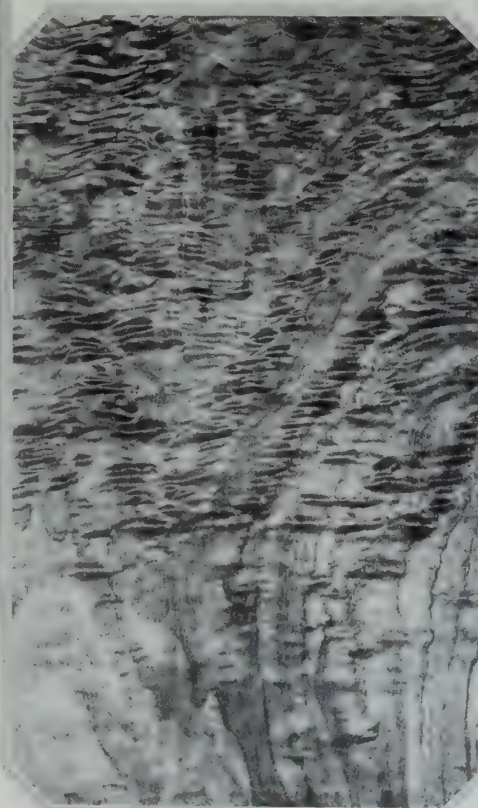
though, its tones are soft and warm and one gets the effect of quiet dignity. It is a wood of charm and congeniality, that invites close acquaintance and gives pride in possession. It is very properly an "heirloom wood."

But there is a difference in walnut. The trees growing in different parts of the world somehow reflect the local condition of soil and site and sun in the cellular patterns of their woods. The Circassian walnut is noted for its figure, the peculiar tracery of dark pigments like veins in marble. That which is highly ornate is suited best for small panels—pictures in plain frames—for if used injudiciously, the effect is disquieting. Circassian walnut is not the name of a species, for the species that produces it is the same that produces the walnut of Italy and France and England and that yields the so-called English walnuts of the trade.

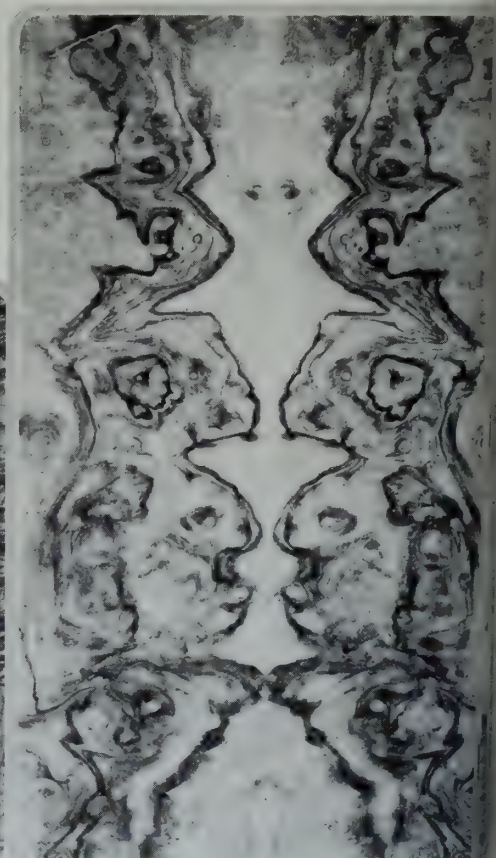
The original home of this Old World
(Continued on page 110)



This four-piece matched panel is of ordinary, rotary-cut wood. When matched the sections produce an unusual effect of form and color. From the Penrod Walnut and Veneer Co.



(Below) Figured stump wood is found near the junction of large limbs and in heavy crotches as well as in the flare of stumps. The fibres are contorted and crinkled and the color deeper. From the American Walnut Manufacturers' Association



A fancy Circassian walnut panel in the collection of the Yale University Forestry School. This type is noted for its figuring. The tracery of the dark pigment is like veins in marble



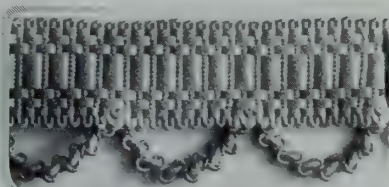
Very cool looking is the sheer white organdie curtain above with its ruffled edge and trimming of a slender line of deep green leaves

The trimming on the sheer gauze glass curtains at the right consists of a box pleated taffeta ruche. This also made the tie-backs. Margery Sill Wickware



The yellow percale curtain above with its cool pattern of white dots is trimmed with green cotton braid in a scalloped design. Agnes Foster Wright

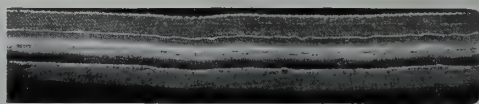
A smart trimming for chintz curtains consists of two bands of slightly ruffled plain glazed chintz in contrasting colors. Pinked edges. The Chintz Shop



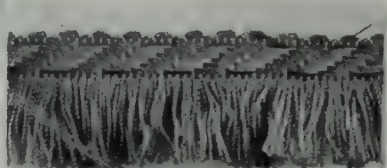
The cotton braid above with its decorative looped edge would be effective on chintz or plain linen curtains



The narrow French ribbon in gay plaid design would be charming on sunfast organdie



The gauze ribbon above comes in various color combinations with lines of tinsel. C. Tobin

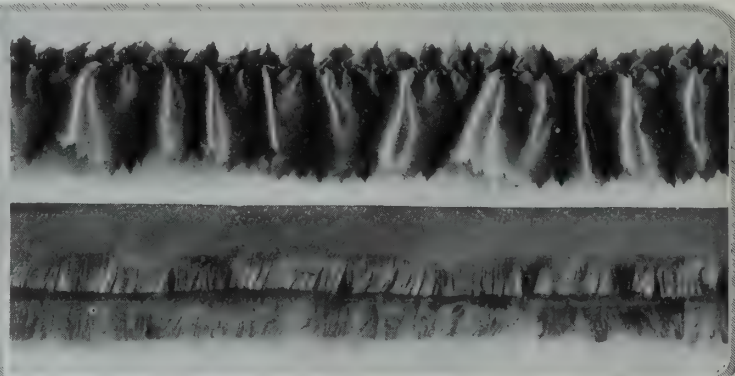
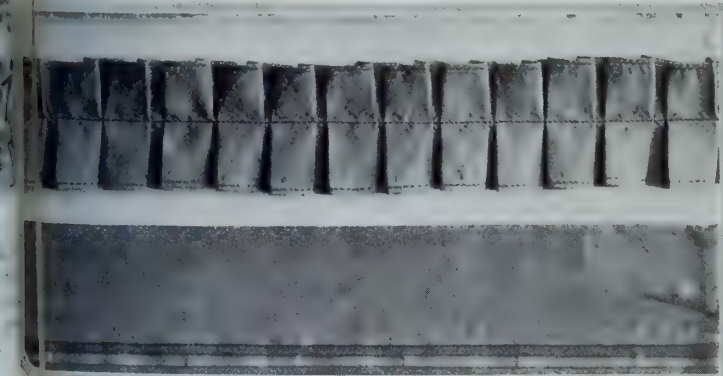


Narrow fringe with a heading in contrasting colors makes a pleasing finish for summer curtains

Below are crisp tailored looking trimmings suitable for taffeta curtains. The top one is a single box pleated ruche and the band below is piped at the edge with three colors

TRIMMINGS

Below is a simple narrow taffeta ruffle pinked at both edges. The trimming below that is a band of taffeta fringed at both sides and folded over. From Margery Sill Wickware





Above. Sewing or tea table with removable rattan basket and folding stand painted lacquer red. 24 inches high, \$13.00



The design of the attractive Swiss reed chair at the left was inspired by a Chinese Chippendale model. Enameled any color, \$35.50



Painted tin flower holder in black with design of old fashioned garden flowers. 10 inches wide, \$18.00

FURNITURE FOR PORCH AND TERRACE



Above. A new chair for a porch, garden or terrace, has a wide, comfortable seat and commodious arms. It is of natural rattan in an interesting plaited design. The price is \$30.50



Pillow at back, linen with contrasting tape. 19 x 10 inches, \$10.50. The small pillows covered in gay quilted calico in various colors are \$15.50 each



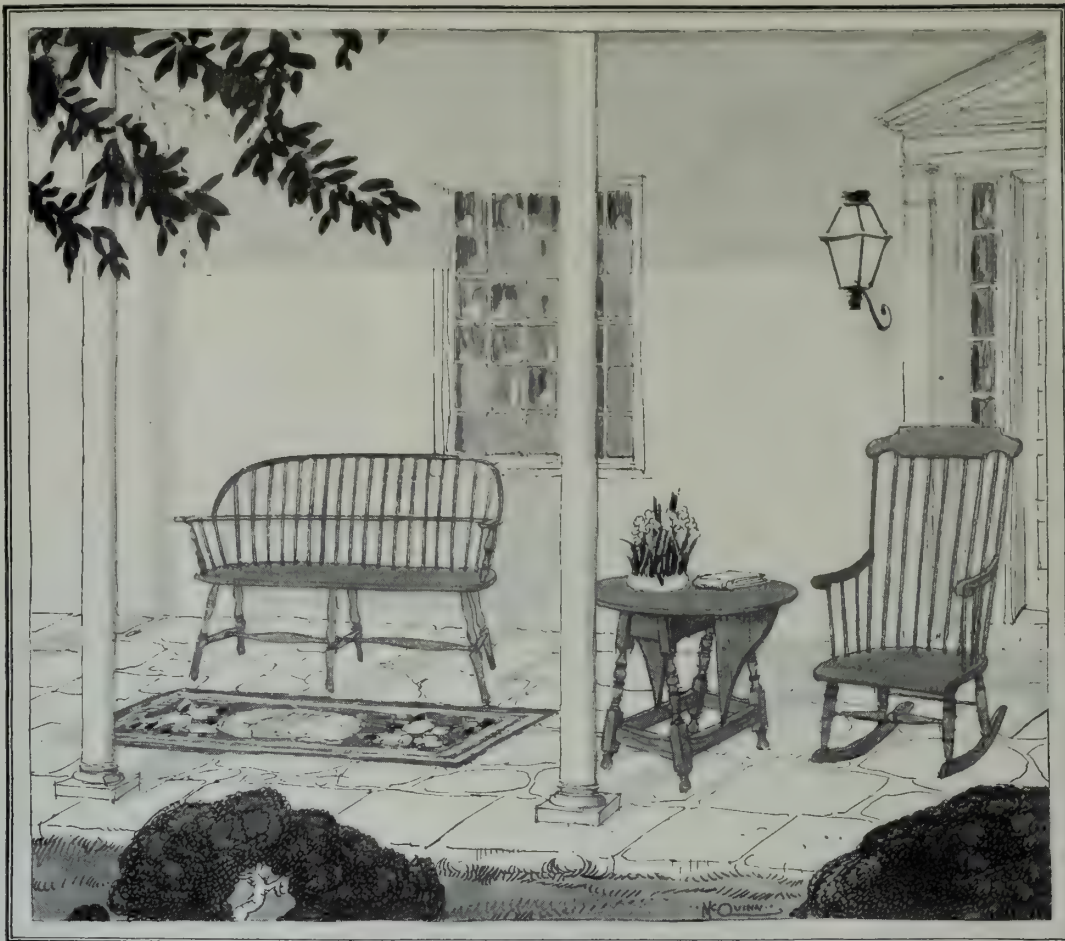
Above. This small chair with its graceful curved line would be charming in a garden, with cushion of oil cloth or striped awning material. Unfinished it is \$8.50. Stained \$9.25

All the articles on these two pages may be purchased through the HOUSE & GARDEN Shopping Service, 19 West 44th Street, New York City. A slight service charge is included in the prices

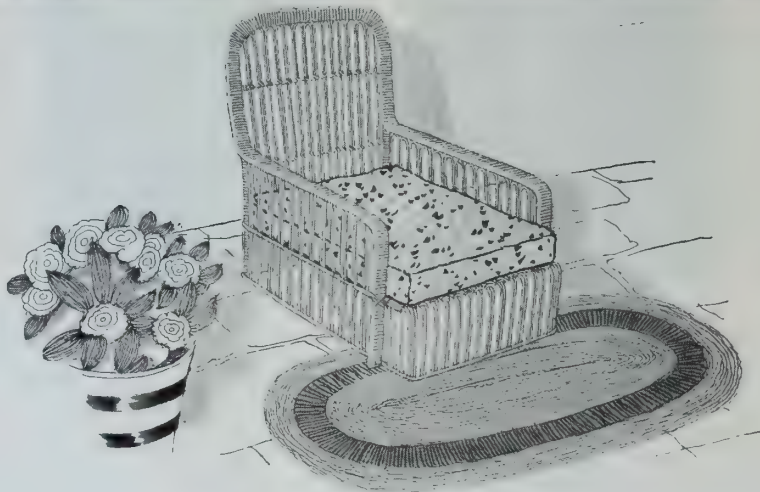


At the left is graceful, slightly curved settee of Swiss reed, 48 inches long. \$45.50 unfinished, \$48.50 stained. Cushion extra. The small stool, 17 inches high, is \$12.50 in natural finish a \$15.50 stained

For a porch furnished in the Colonial manner comes a Windsor settee, 55 inches long, \$36.50 stained, \$39.50 enameled any color. The Salem rocker is \$18.50 stained, \$20 enameled. Butterfly table, \$18.50 stained, \$21.50 enameled. 25 inches high, top 24 x 30 inches open



bove. A long comfortable chair in which to enjoy the sun is made of Chinese rattan. Its light weight and damp-resisting qualities make it especially suitable for either terrace or garden use. It is 77 inches long and is priced at \$30



Chinese rattan furniture with its decorative black motifs is comfortable, practical and reasonably priced. The tiffin table above has a removable rattan tray. 28 inches high, 24 in diameter, \$13. Chair, \$20.50. Hour glass stool, 18 inches high, 13 wide, \$9.75

Rht. A low, very comfortable chair of Swiss reed. The seat is 9 inches high and 33 deep. \$38.75 unfinished, \$47.75 stained. Cushion extra. Formosa fibre rug in neutral color with brown stripe, 4 x 7 feet, \$14. 6 x 9 feet, \$23

The GARDENER'S CALENDAR for MAY

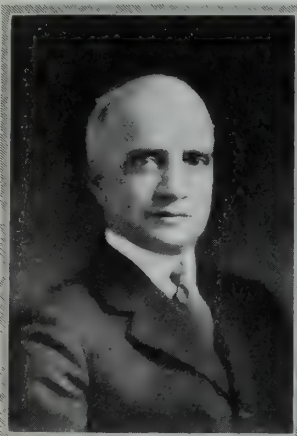
This Calendar of the gardener's labors is planned as a reminder for all his tasks in season. It is fitted to the Middle States, but should be available for the whole country

if for every one-hundred miles north or south there be made a difference of from five to seven days later or earlier in operations. The dates given are for an average season

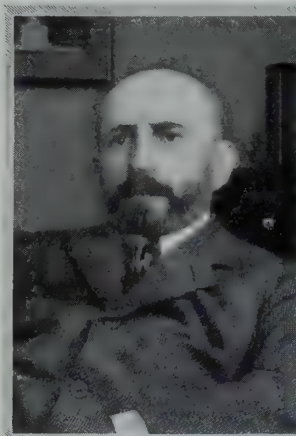
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	<p><i>Now the North wind ceases, The warm South-west awakes; Swift fly the fleeces Thick the blossom-flakes.</i></p>		<p><i>But now the North wind ceases, The warm South wind awakes, The heavens are out in fleeces, And Earth's green banner shakes.</i></p>		<p>1 If the weather is settled warm vegetable crops, such as beans, limas, corn, squash pumpkins, okra, melons, etc., may be planted now.</p>	<p>2 The early sowing of vegetables must be properly thinned out; plants that are unduly crowded must come thin and spindly.</p>
<p>3 Do not stop sowing those crops that mature quickly, such as spinach, peas, radishes, lettuce, etc. Frequent sowings bring success.</p>	<p>4 It is unwise to postpone potato planting any longer. Potatoes are a cool crop and late plantings of them are rarely successful.</p>	<p>5 Crops inactive should receive an application of nitrate of soda or some other strong fertilizing element in quickly available liquid form.</p>	<p>6 Tubbed plants of all kinds may be taken from their winter quarters and moved into place now and should be given liquid manure.</p>	<p>7 All the summer flowering bulbous plants may be set out now. To assure a continuous supply of gladioli, plant bi-weekly.</p>	<p>8 Most annuals may be started out of doors now. Have the soil prepared far enough ahead so that it will pulverize when being worked.</p>	<p>9 The edges of water flower beds, shrubbery borders, etc. should be trimmed neatly with a turf iron every three or four weeks.</p>
<p>10 Good lawns are the result of liberal fertilization and frequent mowing, the latter in some cases twice a week in growing weather.</p>	<p>11 Maple trees should be pruned just as the buds are bursting; there is no danger of their bleeding. Paint the larger scars.</p>	<p>12 Carnations intended for forcing in the greenhouse next winter can now be planted out in the garden where growing conditions are good.</p>	<p>13 Now that the garden work is in full swing, invite yourself to get acquainted with the use of a wheel-hoe, either single or double.</p>	<p>14 Weed killers are very necessary in stone gutters, blue stone walks and drives, and other similar places where no growth is desired.</p>	<p>15 Just before the flowering season begins in the garden it is good practice to top-dress the beds with bone meal and rake it in.</p>	<p>16 Roses for flowering in the greenhouse next winter should be planted in the benches now in rich, heavy soil.</p>
<p>17 Spray currant bushes, gooseberries, elms, cherries etc., with arsenate of lead for leaf beetles and caterpillars of various kinds.</p>	<p>18 Make a small seed bed for the accommodation of late cabbage, cauliflower, kale, Brussels sprouts, etc. should be sown.</p>	<p>19 It is unwise to postpone the sowing of farm crops any longer. Mangels, sugar beets, carrots, turnips, etc. may be put in.</p>	<p>20 A barrel of liquid manure in some convenient corner of the garden will be a valuable accessory for treating weak plants that need forcing.</p>	<p>21 Leaf-eating insects will also soon be working in the garden. For them a poison spray on the foliage is the thing to use.</p>	<p>22 Do not neglect to keep up succession sowings of corn, beans, spinach, peas, radishes, lettuce, beets, carrots, cucumber, and turnips.</p>	<p>23 Keep the flowers supported with individual stakes, the grasses clipped, and move old stalks from the bed.</p>
<p>24 Dahlias may be planted out now in holes, setting the plants several inches below grade to allow for filling in soil as they grow.</p>	<p>25 If the weather is dry you will be troubled with attacks of green fly and other plant lice. Spray for them with tobacco solution.</p>	<p>26 When fruit trees are in bloom they should be well sprayed with a combination of Bordeaux mixture and arsenate of lead.</p>	<p>27 Keep the ground between the potatoes constantly stirred. If any potato beetles are in evidence, spray with arsenate of lead.</p>	<p>28 If the weather appears settled, the bedding out of geraniums, cannas, salvia, coleus and other bed-plants may be safely started.</p>	<p>29 After flowering, the lilacs, syringas, deutzias, forsythias, spiraea, snowball, pearl bush and other early shrubs should be pruned.</p>	<p>30 Winter cereals may be sown. Sow broadcast. Work large enough to double, dibble the plants off into prepared soil.</p>
<p>31 Formal evergreens and hedges should now be clipped. Hedge shears are the best tool to prevent any voids in the trees.</p>						



MRS. CHARLES W. BOSWORTH
Mrs. Bosworth is president of the Cincinnati Garden Club, an unusually active organization



AUGUST E. BROOKER
The Garden Club of St. Louis has one of the two or three men presidents in the country



J. C. N. FORESTIER
A noted French landscape architect and the author of a recent splendid book: "Gardens"



MRS. EDWARD GARRETT
The president of the Seattle Garden Club is one of the Coast's most enthusiastic amateurs

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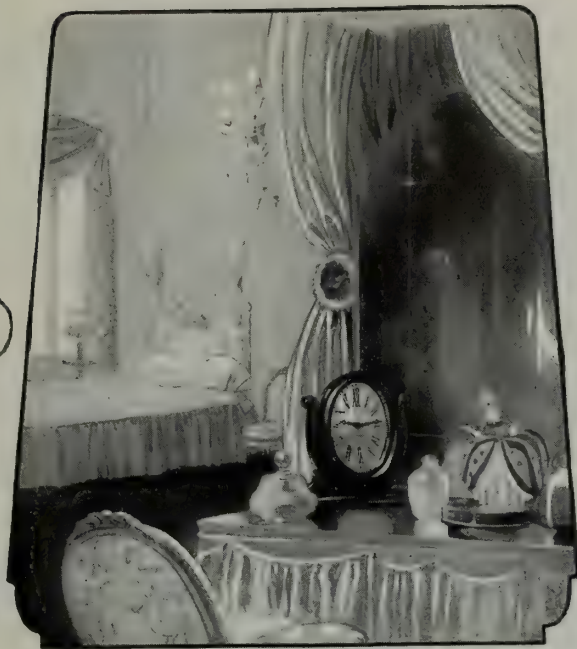
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THE CLOCK IS BOUDOIR No. 4

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The clock on the dressing table is Boudoir

No. 4. Like all Seth Thomas productions, the cabinet work is exquisite and the design eloquent of good taste that never fails.

It is 7½ inches high. Wood in two-tone effect. Swinging frame; gold dial. \$20.00. Prices are 10% higher in the Far West; 50% higher in Canada.

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"True beauty dwells in deep retreats," wrote Wordsworth. In a feverish world milady has one retreat wherein she may enjoy the solace of solitude and a deep breath of beauty—her boudoir.

No one to look but the looking glass; no stir of life save the discreet Seth Thomas Clock.

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COMAX

Mahogany case. Silvered dial. 8-day movement. Base, 8 inches; height, 4 inches. \$11

Seth Thomas craftsmen capture the spirit of each generation. These clocks are added proof.

Chamberlin Dodds
[CHAMBERLIN DODDS]

Very modern expressions of Seth Thomas designing that has been famous for a century.

Chandler W. Ireland
[CHANDLER W. IRELAND]

PETITE No. 1
Beveled wood rim in contrasting tone. Gold dial. 4 inches high. \$7.50



From the quaint old shelf clocks to these dainty models, Seth Thomas Clocks have always been exquisite.

Lenore Wheeler Williams
[LENORE WHEELER WILLIAMS]



EDEN

Solid mahogany inlaid case. 8-day, 7-jewel movement. 4½ inches high. \$25

THOROUGHbred OF THE WOOD

(Continued from page 104)

walnut is Persia, the country which has also given us the Apricot and the Peach. The distribution of the tree from there is man's tribute to the excellence of its fruit, the source of a rich and nourishing food. Orchards of this tree were cultivated in the days of King Solomon. The early Greeks grew it and they called it Persicon and Basilicon—the Persian and the royal nut. The Romans got it from the Greeks, Vittelius being credited with its introduction. Upon it they bestowed the name Juglans, now the scientific term for the Walnut genus, because it was the acorn or mast of Jupiter, far outranking that of the Beech and the Oak and even of the Chestnut. They dedicated the tree to Diana and festivals of that goddess were held beneath its shade. When the Romans went to England they extended the range of the tree to that country.

ANTIQUITY AND ORIGIN

The walnut furniture of Italy, France and England came from planted trees, domesticated or semi-domesticated fruit trees. The value of the wood was recognized from earliest times and Pliny tells us that tables of it were sold in Rome for fabulous prices, but the incentive for planting and growing the trees was in their food rather than their timber value. It was largely incidental that trees propagated primarily for their nuts should in their maturity supply wood for the master craftsmen and artists of the Renaissance and succeeding periods. The same forces are working today to preserve to posterity in America its heritage of walnut. The tree has largely disappeared from our forests, but newer generations of it have found a permanent place on the farms throughout the eastern half of the United States. A nut tree, a shade tree, a timber tree, easy to grow and free from disease, it everywhere commands respect.

When the war brought its enormous demand for walnut for gunstocks and airplane propellers, there was a very general impression that it would be difficult to obtain an adequate amount of the timber in the sizes required. It was soon demonstrated that there was walnut enough and to spare; widely scattered, to be sure, but quickly available when needed. Those trees and the ones now growing on the farms were more readily accessible than if they had remained in the forest. The American walnut of the future will come from semi-domesticated trees as it has for centuries in Europe and the supply, though limited, will not fail.

STRONG AND RESILIENT

The wartime uses of walnut attest its quality. Materials for either gunstocks or propellers must be strong and resilient, capable of machining with exactness and receiving a very smooth finish, and it must hold its manufactured form under very trying conditions of service. Other woods have been found satisfactory for propellers, especially mahogany and oak, but walnut has no serious competitor

in the case of gunstocks. It also seems to combine the essential properties in just the right way.

But why, you may ask, if walnut is such a paragon of wood virtue did it lose caste in America for time? One speaks of walnut having come back, but why did it go out? There are various considerations involved in the answers to these questions. It is partly due to the period changes in furniture which have little to do with intrinsic merit of the material of construction. The changes in styles are more rapid and more noticeable than are the changes in the actual woods used. This is true because the former changes are the more readily made and are more practical; good furniture woods are decidedly limited in number, especially those which can be had in quantities. Of course, in the manufacture of certain styles of furniture a certain wood is essentially proper and should be used, but there have been times when the styles indicated walnut and other manufacturers used other woods. It was due to the feeling that walnut was becoming extinct, a feeling actively fostered by the promoters of other woods. There was such a general market in Europe for American walnut both for furniture and gunstocks that the producers were inclined to neglect the domestic trade. There were signs of a change before the war and the curtailing of the foreign trade later hastened it. Moreover, in getting out the millions of gunstocks needed by our army there was an enormous accumulation of lumber required for purposes of war. This stimulated the producers, who about to restore walnut to its rightful place, and they have proceeded in a highly intelligent manner.

REGARDING BEAUTY

There were prejudices to overcome in the abuse of the wood in the past. Walnut had become associated in the public mind with dull black furniture in highly ornate designs. The natural beauty of the wood had been covered up and lost under dark stains and heavy finishes. New methods of treatment have overcome these faults and it is a revelation to discover how beautiful American walnut really is when it can be seen. There is beauty in the grain, in the tawny browns, of the color, and in the glowing luster, one of the characteristics of the finest cabinet woods is the sub-surface lustre that flashes and changes with the lighting in kaleidoscopic effect. This is something that a wood must have innate, it cannot be imparted artificially or reproduced in imitations, but can very easily be covered up and lost. It is the soul or life of woods, the source of their infinite variation where there is so much of their charm. Walnut possesses a natural brown color, deep, warm, and permanent. This makes it a usable material, but dents and scratches do not take through the surface into a different colored wood beneath.

The walnut tree, though one
(Continued on page 112)

**W. & J. SLOANE**

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THOROUGHbred OF THE WOOL

(Continued from page 110)

giants of the forest, shows its fruit tree character when grown in the open. From the forest-grown trunks comes the wide lumber usually straight of grain, while those in the open are likely to have the most figure. Near the junction of large limbs and in the heavy crotches, as well as in the flare of the stumps, the fibers and pores of the wood are contorted and crinkled into irregular patterns and designs under the enormous pressure of growth. Usually, too, in such places there are more liberal deposits of pigment which add to the figured effect. The buyers of walnut make a specialty of selecting these crotches and stumps, cutting them into thin veneers to be used eventually in building up into beautiful panels.

WHAT BURLS ARE

Burls are another source of figured wood. These oddities of Nature are abnormal growths or excrescences common in some degree to almost every species of tree, though only in comparatively few instances are they of merchantable size and quality. They may arise anywhere on a tree, but the burls of greatest value are at the root collars, usually just below the surface of the ground, and are commonly shaped like a turnip. They are the result of some pathological condition which stimulates the growth of dormant buds or causes many new ones to arise which cannot, because of their crowded condition, develop into real branches, but do form a gnarly and interwoven mass of dense woody tissue of very intricate structure. Inside the bark the surface of a burl is covered with spines where the buds emerge, just the opposite of the condition one finds in bird's-eye maple. In the center of each bud is a small cylinder of pith and about it a mound of wood, so that when veneers are cut and matched, little imagination is required to see in the panels all sorts of animal faces with buds for eyes and contorted wood for their faces and bodies. An occasional walnut tree is found that is curly-grained throughout. Such logs are highly prized and are in great demand for fancy gunstocks and panel veneers. Experiments are being made with scions of such trees grafted on seedling stock in the hope that figured walnut may be deliberately grown rather than left to chance.

The thinnest veneers give the superficial effects of the solid wood and there is the same depth of luster and the same play of lights and shadows.

The use of veneers makes it possible to utilize figured wood where it is not shown, and after all that is the logical place for it. Where straight is desired straight-grained wood is best. Veneering is not a modern invention of the makers of cheap furniture. It is as old as the Pharaohs as veneered coffins from old Egyptian tombs will show. Caesar's personal possession was a table, handsomely veneered. Veneering is as ancient as man's appreciation of the beauty of wood. It was brought into disrepute because it was poorly done, the grain was unsatisfactory. Here again it was indebted to the war for an unexpected service, for the manufacturers of wood for airplanes developed gluing such a state of perfection that the joints were stronger than the wood itself and as resistant to the elements. For large surfaces, such as table tops, head and foot boards of beds, and sides of buffets, dressers and robes, walnut plywood panels are largely used. Plywood is composed of an odd number of veneers glued together so that the grain of one veneer is at right angles to the next, thus affording great stiffness and strength at the same time being light in weight. By the use of plywood panels, furniture may be made substantial without being massive, and figured materials can be used for the surfaces at much less cost than that of solid wood.

SOLIDS AND VENEERS

There are various kinds of furniture in the trade and these have been classified by the manufacturer for the protection of the buyer. "Solid walnut throughout" is what the manufacturer implies, but "solid walnut exterior" permits the use of veneers on the suitable woods for the unexposed portions and interiors. "Walnut throughout" admits walnut plywood on the other wood, while "walnut exterior" admits walnut plywood for case surfaces and other suitable woods for the interior and unexposed parts. The so-called "combination walnut" has walnut face panels only on the exposed surfaces, the entire frame composed of some other wood finished to resemble walnut; this is not technically walnut furniture and should not be sold as such. It is usually not difficult for anyone to detect "combination walnut" furniture, for they cannot see the difference between the wood of the panels and the frames even though they can not explain why. That is, walnut is a thoroughbred wood.





"SONGS OF OTHER YEARS"
Painted by Leighton

P. G.

Who plays these songs for you?

Annie Laurie The Last Rose of Summer Swanee River
Love's Old Sweet Song Carry Me Back to Old Virginny

WHEN your mood says "Music!" and your memory turns back to the old songs—then, perhaps, is the time when your Ampico can mean most to you. For, at the pressing of a button, a great artist's playing of your favorite music will stream from your own piano, filling with melody the quiet room where you sit.

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and convenient terms of payment make owning an Ampico an ambition you may fulfill at once. Foot-power models \$795. Electric power models \$985 to \$5000. With freight added. Uprights and grands.

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Etude— <i>Strauss</i>	BRILLOWSKY
Rhapsodie F Sharp Minor— <i>Dohnányi</i>	DOHNÁNYI
Ballade A Flat— <i>Chopin</i>	LEVITZKI
Hungarian Gypsy Dances— <i>Tausig</i>	LHÉVINNE
Caprice— <i>Paganini-Schumann</i>	MIROVITCH
Revolutionary Etude— <i>Chopin</i>	MÜNZ
Troika— <i>Tchaikowsky</i>	RACHMANINOFF
Valse Parisienne— <i>Lee S. Roberts</i>	ROBERTS
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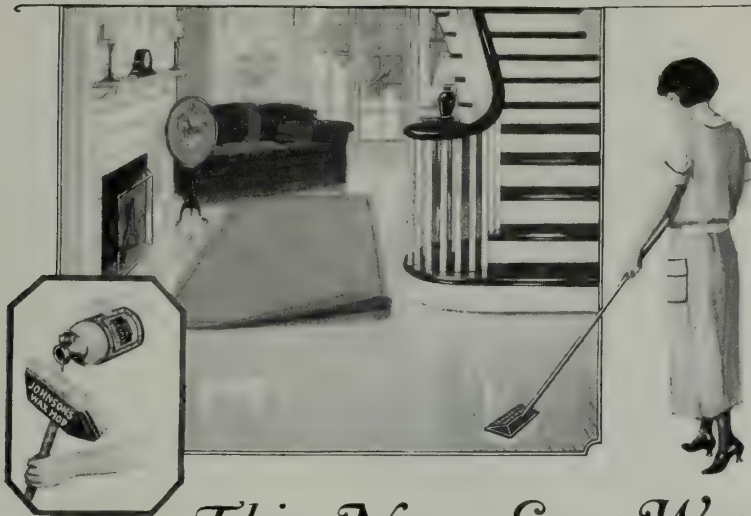
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A Saving of
\$1.65!



Any store displaying this sign can furnish the Johnson Floor Polishing Outfit. These stores also carry a full line of Johnson's Artistic Wood Finishes.

HONEYSUCKLE

(Continued from page 90)

bered. Like its relatives it does not like transplanting and resents severe pruning. It is one of those plants best left to indulge in its own peculiar whims. Native of central China, this Woodbine was one of the plants I was privileged to introduce into western gardens in 1900.

Deep yellow to orange-yellow and six inches long are the tubular flowers of *L. hildebrandtiana* from northern Burmah. This is a vigorous vine that will grow thirty feet tall and has large shining evergreen leaves and enormous flowers from ten to fifteen together in terminal heads. But alas! only those who garden in southern California and in Florida have any hope of growing this giant in outdoor gardens. It should be an acquisition to such gardens and those of Honolulu and Cuba. I have seen it flourishing at Ootacamund in southern India.

Hardier but needing a mild climate such as that round Santa Barbara in California is the Mediterranean Woodbine *L. etrusca*. It is a strong growing vine with fragrant blossoms produced twenty to forty together in stalked clusters at the ends of slender branchlets. The clusters are both terminal and axillary and so abundantly produced from late June onwards as to dower the plant in fragrant plumes. The flowers, each nearly two inches long, are slender at first yellowish suffused with red becoming clear yellow with age. Where the climate is to its liking it is perhaps the most gorgeously beautiful of its class. A hybrid of this and the Goat Woodbine (*L. caprifolium*) is *L. italica*. Like its parents this is a free-growing, floriferous vine. Often the terminal part of a flowering shoot branches and forms a paniced thyrses of flowers a foot long and eight inches through. Related to these and also somewhat tender is the well-named *L. splendida* which hails from Spain. This has similarly long tubular flowers but red-purple without, yellowish within and very glandular.

EVERGREEN TYPES

Beautiful and hardy is the native evergreen *L. sempervirens*, found wild as far north as Connecticut, with clustered, unscented blossoms, orange-scarlet outside and yellowish within. The leaves are a rich green and the color combination of its honey-laden flowers is exquisite. It has given much of its beauty to hybrid progeny one of which, *L. heckrottii*, is very hardy. From the middle of June until the early frosts appear this plant is in blossom. The flowers which are borne in clusters, are deep rose-color without and pale yellow within and though fragrant only in the evening they are very beautiful. The European Honeysuckles or Woodbines, *L. periclymenum* (of which there are several varieties one of which, var. *belgica*, known as the Dutch Honeysuckle, is continuous blooming), and *L. caprifolium* are or ought to be well-known favorites. Hall's semi-evergreen Honeysuckle (*L. japonica* var. *haliana*) with white changing to yellow fragrant flowers needs no comment and even more beautiful is var. *chinensis* with red-colored young shoots and leaves. The Chinese name for this

is Chin-yin-hwa, i.e., Gold and flower and is singularly appropriate.

For northern gardens there are more beautiful shrubs than for the Bush Honeysuckles with myriads of yellow, white, rose-colored flowers which in summer and early autumn are followed by shining scarlet, crimson or orange-colored fruits in their abundance weighing down the branches. planted in good soil and given of room many of these shrubs show their greatest beauty in the parts of this country. An old favorite is *L. tatarica*, the Tatarian Honeysuckle, which with its various forms and hybrids supplies gardens with many handsome flowering and fruiting shrubs. Being a native of Asia where a rigorous climate prevails it is a very hardy plant and flourishes even in the colder parts of Canada. A shrub of good habit with ascending and spreading branches, it will grow twelve feet high and fifteen feet through if given a proper position. Of the many forms that with white flowers (*alba*) and another (*caerulea*) with rosy-red flowers are the

OTHER BUSH FORMS

Handsome is the well-known *L. morrowii* which our gardens have seen in the early activities in Japan at the Arnold Arboretum. This wide-spreading shrub is seldom ten feet high but is often twice as broad, flat and intricately branched, with gray-green foliage and a profusion of white flowers changing to yellow flowers and blue berries. The fruits ripen in June and remain brilliant on the branch until early winter. Taller in habit but broad are *L. chrysantha* and *L. periclymenum* both with yellow flowers and lustrous crimson fruits. In these four species and the European *L. xylosteum* with wine-colored fruits have hybridized freely and have produced several plants of extreme value. Two of the best are *L. muendenensis* and *L. bella* both of which are shrubs twelve feet high and more through with arching, spreading branches weighted in July by a myriad clustered crimson fruit. Another is *L. muendenensis* with more upright and spreading branches and scarlet fruit. And whilst telling of hybrids one must mention *L. muendenensis* with translucent, pale yellow-colored fruits, one of the most valuable of all Bush Honeysuckles.

The sturdy *L. maackii* with large, milk-white flowers clustering at the ends of branches from base to tip is the most somest of its class. The type hails from northern Asia and it ripens and its leaves fall in autumn. A variety from China (*poensis*) which it was my good fortune to introduce to our gardens, however, has green leaves into December and is the last to ripen its fruit. Wherever every other shrub is bare the *maackii* stands out with its thick green studded with red berries and defiant. As this Chinese shrub closes the Honeysuckle season with flourish so its countrymen *L. chinensis* and *L. fragrantissima* open it with their white scented flowers when the spring has dawned.

(Continued on page 1)



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“A TALE OF TWO CITIES”—OR A HUNDRED

THE average Packard Six owner expects to keep his car nearly three times as long as the car he traded in.

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For example, in Wilkes-Barre, Pa., a city

of 77,000 population, Packard Six cars have been sold to 215 owners during the past five years.

Two hundred and twelve of the 215 still have Packard cars—their original cars, except where enclosed or larger ones were desired.

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HANDEL Lamps



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H O N E Y S U C K L E

(Continued from page 114)

from buds densely clustered on bare twigs and ere midsummer their red fruits are ripe.

A shower bouquet of gray and pink describes the charming Turkistan Honeysuckle (*L. korolkowii*). This is from six to eight feet high and more through, loose spreading and arching of singularly graceful habit with bright pink flowers in great abundance. The foliage is pale gray and the fruit red. Planted against a dark background this gray hued mist-like plant is fascinating. Very lovely too are its hybrids *L. amoena* and *L. arnoldiana* of smaller stature and more upright habit. All three, despite their delicate habit of growth, are perfectly hardy shrubs in New England.

With blue-black fruits, more like a Blueberry than a Honeysuckle, is *L. coerulea* which in its various forms is found wild throughout the boreal regions of the northern Hemisphere. This is a shrub of rounded habit, suckering freely and forming a tangled mass, the stems clothed with loose, scaling, pale-brown bark. Its flowers are relatively large, cream-colored, in pairs suggesting twin vases and are followed by more or less oval fruits. Being a circumpolar plant it flowers early and matures its fruit with great haste, the bushes being laden with ripe berries in June ere the Roses are in bloom. The fruit is luscious and attractive in appearance.

Distinct and curious are *L. involucrata* and *L. ledebouri*, two Bush Honeysuckles native of western North America. These are hardy shrubs, of erect habit, growing from five to eight feet high and broad and bear jet black fruits seated on large rather fleshy red-colored bracts. The flowers are tubular, about one and a half inches long, yellow in the first named, orange tinged with red in Ledebour's variety and are produced in pairs from the leaf axils. The reddish cushion develops as the fruit ripens and the shining black berries are in striking contrast. They are summer fruiting shrubs and often flowers and ripe fruits are found on the plant in July.

FROM SAGHALIEN

In August 1914 of sad and bitter memories I happened to be in southeast Saghalien and there on the coast of the Okhotsk Sea chanced upon a low shrub each twig clad with bluish green leaves and crowned with a cluster of coral-red fruit. The plants were scarcely two feet tall but more in width, of compact habit and I lost no time in harvesting a supply of seeds. It proved to be *L. chamissonii*, a Honeysuckle not known in cultivation. In the Arnold Arboretum seedlings have grown into nice plants and in 1924 for the first time began to fruit freely. Among the multi-colored fruits of the large genus *Lonicera* no other kind has such red-coral berries.

Without attempting to tell of more than a tithe of the good garden plants among Honeysuckles I may mention another newcomer of excellence this time from Korea. In 1917 on the Diamond Mountains I gathered some

red fruits from a shrub four to five feet high with erect branches. The seeds vegetated freely in the Arnold Arboretum and we now have shapely plants a yard high. In 1923 they flowered sparingly and were identified *L. maximowiczii* var. *sachalinensis*, a terrible name for a beautiful shrub. Last year the plants were densely laden with crimson flowers on long slender pendent stalks. The leaves as they unfold are bright red which adds to the attractiveness of this pleasing plant.

Charming gray shrubs are the twiggy wide-spreading *L. syringae* and *L. thibetica* with axillary clusters of Heliotrope-scented flowers. These are both hardy, intricately branched shrubs from five to eight feet tall, sometimes nearly prostrate in habit and bright red fruits. They produce flowers from midsummer until fall but never make a large display. Moreover, the flowers are much brighter in the cool morning and evening is delightful. They are much alike but the Thibet plant is the smaller and has less shining green above with a dusky white felt on the under surface.

EVERGREEN BUSH TYPES

Most of the Bush Honeysuckles shed their leaves in the fall but there are a few species that are evergreen. The most useful of these is the Box Honeysuckle (*L. nitida*) which I discovered and christened. In California it has already become valuable as a hedge plant and for this same purpose should do good service in gardens south of Washington, D. C. It propagates readily by cuttings, grows rapidly and relishes trimming as heavily as does Box. It is a shrub growing five to eight feet tall with ascending main branches and a plethora of slender, rigid horizontally-spreading branchlets crowded with small rosy, shining, dark green leaves, cream-colored, fragrant flowers followed by blue-purple fruit. The habit and appearance makes the plant worthy as a specimen bush but its supreme value is for quickly forming low, evergreen hedges. From the latitude where this species grows naturally in western China I had hoped it would have proved hardy in New England. In this I have been disappointed but its suitability as a hedge plant in colder climates is commensurate pleasure. A related species is *L. pileata* with larger foliage and horizontally spreading branches but with similar flowers and fruits. This plant hugs the ground and is well suited to rockeries. Though not properly hardy, with protection it has lived for a dozen years in the Arnold Arboretum.

As a final illustration of the all-round usefulness of Honeysuckles in our gardens I may mention *L. strata*. This, as its name implies, is a trailing plant and it emits roots freely forming a dense mat and carpet. It has small yellow axillary flowers, orange-red fruit, deciduous foliage, is very hardy and is specially valuable for draping banks.



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Phlox subulata and perennial Candytuft, *Iberis sempervirens*, lavender and white association suitable for the rockery

COLOR IN THE ROCK GARDEN

(Continued from page 83)

rampageous spreaders against the little choice things that could not save themselves; nor to cover such small bulbs as the wild Crocuses or Muscaris with a blanket the thickness of *Arabis albidula*. The warm lavender blossoms of *Crocus sieberi* come delightfully through the loose grey weave of *Androsace primuloides*, which later will wave a hundred pink umbrellas to hide the fading Crocus grass. The white Grape Hyacinth, *Muscari botrioides alba*, like cones of small seed pearls, is well placed among mats of mauve and purple-flowered Aubrietia.

All this is no gardener's dream, but a gay reality of all who follow the few rules. We do not, however, go about its attainment, especially if we are beginning gardeners in quite the usual way. It is curious, but a fact, that to bring lovely color into the rock garden we must first forget all about it and give our close attention to more practical matters.

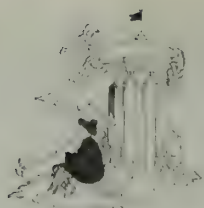
It is clear, of course, that to achieve riotous color the plants must bloom their ardent best and that to do this they must be in perfect health. The health of the plants, then, is our first consideration. When we realize that

the plants we gather together for the rock garden hail from all parts of the world, from all climates, and from all aspects, it is at once plain that the chief preoccupation must be to produce for them as nearly as possible the conditions that surround their homelands—the right soil, the right aspect, the right amount of moisture, lime or no lime, sea or inland, acid, and whether a windy height or a sheltered nook is the sum of their desires. In short, we must know our plants. Find out about them from books, by asking questions, by visiting nurseries, botanical gardens, or any one who supposedly might know. When orders are sent in the spring, early autumn for rock plants, get a copy and search out the names of every plant before it arrives, in order that we may have a chosen spot ready for it marked with its name. Thus only can we obtain the health and speedy demise, though we can bring about that graceful color that is the bright spot of every rock garden.

Consider also the plants in relation to the carefully modeled topography. (Continued on page 122)



White Geranium and a small sea of blue *Veronica prostrata*, and a mat of *Arabis* foliage that has passed blooming. This combination is found in the author's garden



The Charm of the Storied East

IS IN THE DESIGN OF THIS FRENCH PRINT

pic palm trees in strange tor-
us shapes
birds and insects darting by
flying jewels

aintly garbed Persian folk
laying bits of their strange
ery, or day-dreaming by the
s of a stream

te charming melange of fact and
y that runs across this print is
car picture of the naïveté with
h 17th Century Gallic eyes
the Far East.

It is the true French galanterie
dd a little "Temple de l'amour"
dapped the fantasy by hanging
it the crescent of Turkey!

For hundred years before, such
ctres of the East had first come
on the lips of that intrepid medi-
ev traveller, Marco Polo, the first emissary
on the West to draw aside the veil that
d the mysterious East.

All in the 17th Century, when West again
urveyed to East, the argosies of commerce
tuned freighted with strange and lovely
opies. Among the most prized of these
easures were the famous Eastern painted
ttes or chints.

The new and exotic beauty they portrayed
stulated the sensitive French imagination
at here arose everywhere a high and pas-
sionate enthusiasm for "orientalia" and all
renn arts and crafts took their inspiration
in this new loveliness.

It was from paintings on the wood panels
an 18th Century French boudoir that the
oti of this print were taken. The design,
bles and greens, is shown on two back-
gounds—natural linen or a soft fawn.



*THE soft colorings and light, whim-
sical design make this print especially
charming for use in the summer home*

*From the 17th Century imports of
Eastern prints, both France and
England have developed their char-
acteristic cretonnes and chintzes*

From the 17th Century imports of
Eastern prints the genius of France
and the genius of England each drew
its own peculiar inspiration.

Perhaps one may generalize by
saying that eager, humanistic France
—the France which produced Balzac
and revels in his close packed inci-
dent—seized upon the episodic in
the Eastern print. England, with its
hawthorne hedges and sweet-voiced
birds, was drawn towards the flower
and tree designs in the Eastern print.
So, in the prints of England we find
the floral trail of her beloved out-of-
doors in many charming variations.

In our collection of prints it is fascinating
to trace these two paths of development. You
will see, in our Toiles de Jouy, brilliant his-
torical events of classical episodes. Then in
some of our other French prints imagination
has full sway in allegorical, peasant or court
scenes and quaint "Chinoiseries."

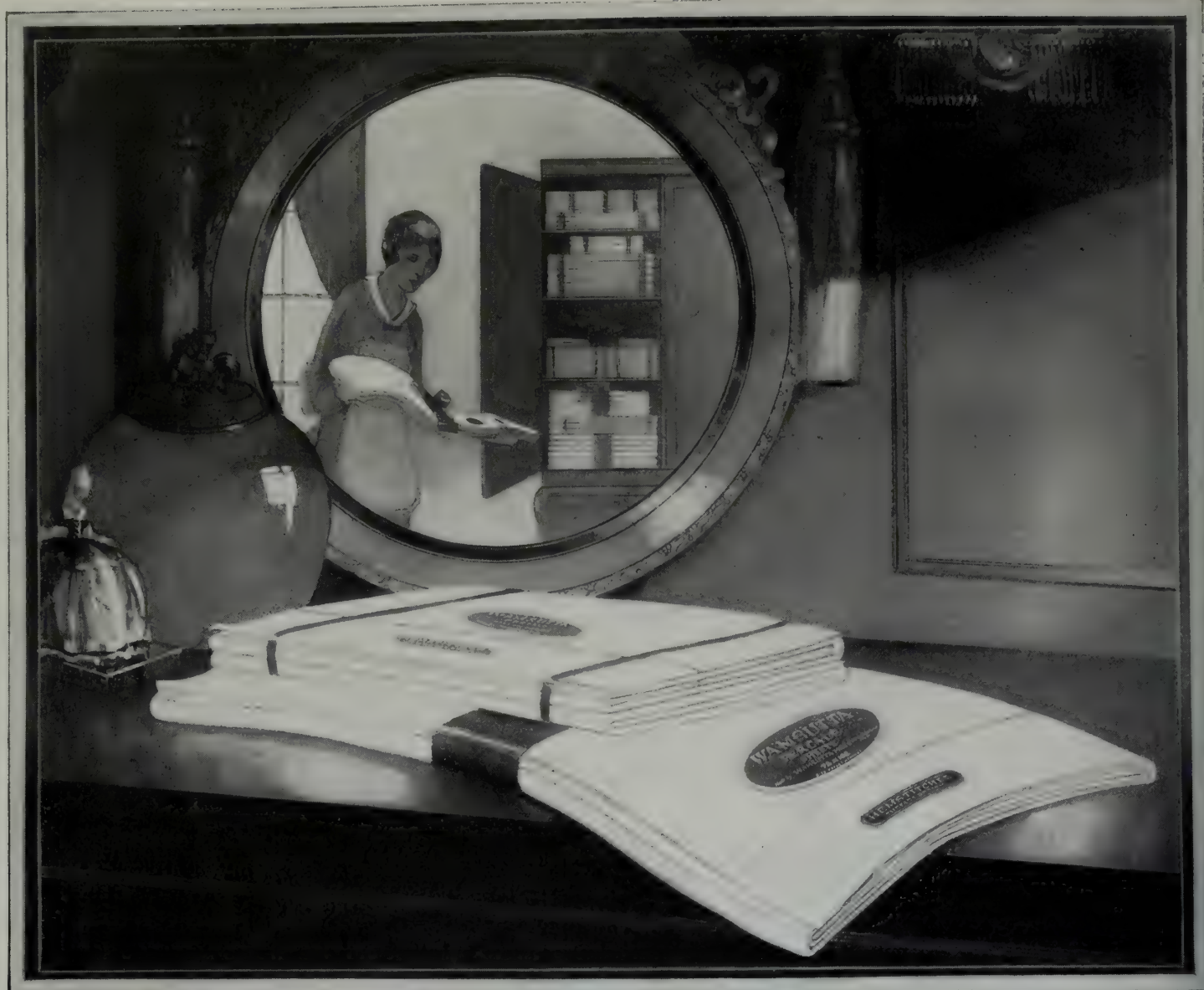
In our English prints there is many a charming
variation on the floral theme—here it is the urn
motif with its flowery patterns and there it is the
floral serpentine design, or pillar chintzes heavily
entwined with flowers. Others take the bold floral
motifs of English crewels. In these, the Eastern
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F-SCHUMACHER & CO.



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Wamsutta Percale is made in



Wamsutta Percale
after 160 launderings



Ordinary Sheeting
after 160 launderings

The enlarged microscopic photographs above show how the finely woven texture of Wamsutta Percale is unharmed after the severe test of 160 launderings, while the texture of ordinary sheeting breaks down and separates.

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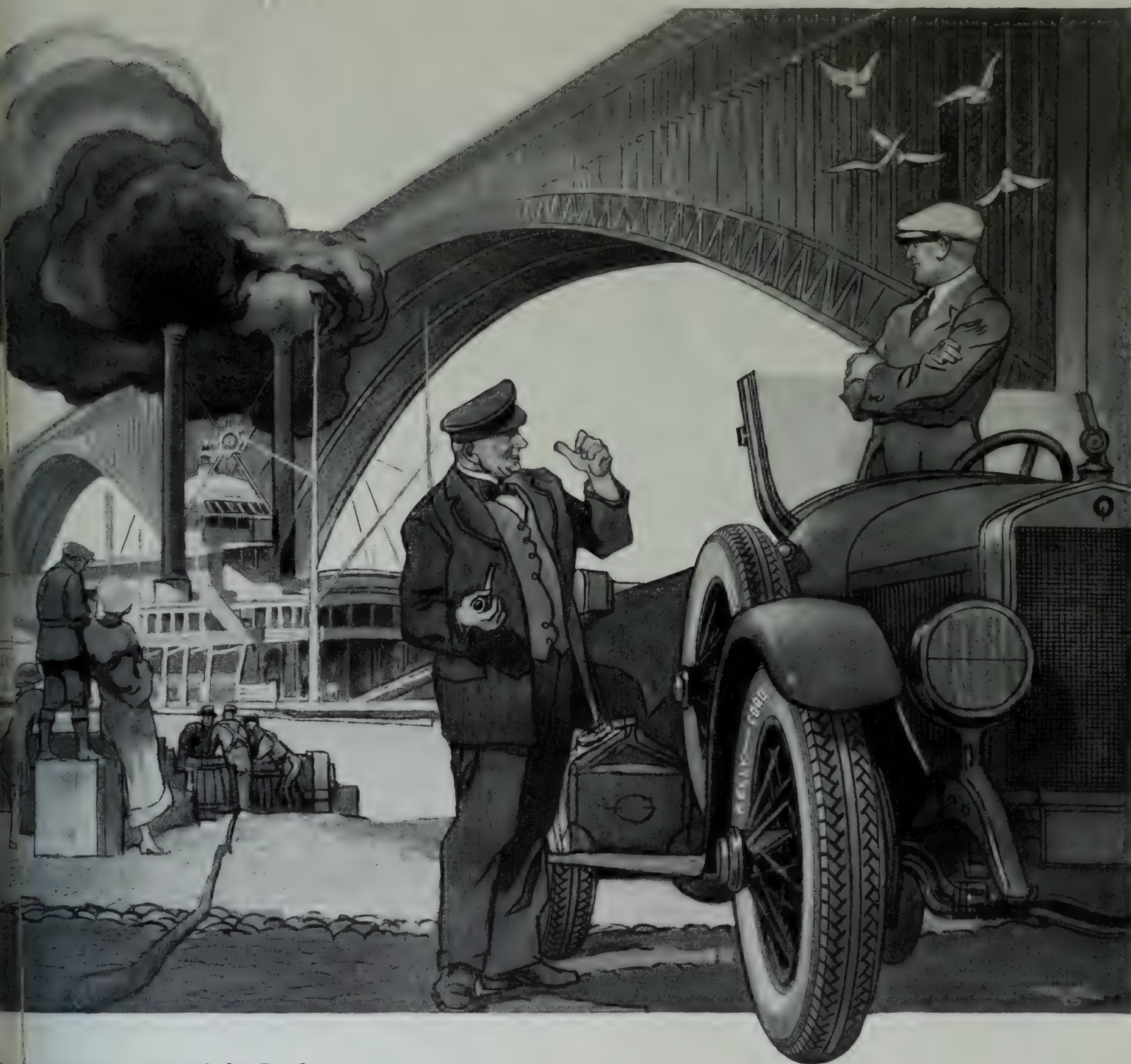
44 Leonard Street, New York

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he KELLY FLEXIBLE CORD



he peregrinations of the Pecks

After a delightful trip across country from Pinchurst, the Pecks have arrived in St. Louis, where we see them stopping for a few minutes on the picturesque waterfront to allow Jim the younger to add one of the family's Mississippi River steamboats to his collection of snapshots. The two young Pecks are getting a liberal education, father is having a wonderful time and the change of scene and release from housework are doing mother a world of good. The whole family, therefore, is enjoying the trip immensely.

THE KELLY FLEXIBLE CORD is the *only* tire in which the bead is built in as an integral part. Since it is this new Integral Bead construction that makes the flexibility possible, it follows that no tire built by the ordinary method can offer the same combination of mileage *and* comfort.

Rugged, dependable and easy-riding, here is indeed the best tire that even Kelly has ever built.

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CURTAINS



Campanula muralis Bavarica with the silver
rosettes of *Saxifraga McNabiana* as a background.
From the garden of Clarence W. Loren

COLOR IN THE ROCK GARDEN

(Continued from page 118)

of the little landscape. Plant high on the heights to accentuate the difference in level, give to each declivity its graceful trailer, to each flat stone its moss-like creeper: give to each plant a position where it not only feels but looks at home. Nothing so adds to the reality of the little scene as this.

And now, having dutifully planted our rock garden with these practical matters in mind, and begun to look it over with a sharp eye for discordant notes, we find surprisingly few. Of course some magenta splendor may have run foul of a patch of scarlet poppies or the crude yellow of *Alyssum saxatile* be elbowing a group of choice pink Spanish Scillas, but on the whole there will be little to offend the most supersensitive eye. And for this reason: we have two factors of the utmost importance working for us in the interests of peace and harmony.

THE VALUE OF STONES

In the first place there are the stones, both great and small, soft-toned, neutral, thrusting a shoulder between angry contestants, separating or reconciling enemies, forming an inimitable background for flashing hues. Let no one underrate the value of the stones. Many of them are very beautiful in themselves and take their places in the general scheme with as much significance as the plants or shrubs. The Japanese pay great sums for beautiful stones to adorn their gardens, and there are unalterable rules for their employment. There is a chapter entitled "Garden Stones" in Mrs. Basil Taylor's "Japanese Gardens" which would be of great interest and assistance to all who propose to make stones the basis of a garden.

And then there is the markedly beautiful foliage contributed by many of the plants. Some rock plants, it is true, when they have done their gorgeous bit lapse into obscurity, and might be mistaken for meek little weeds. But a great number, if they had no blossoms at all to give us, would still be of the highest value because of the broad mats and mounds, trails and little bushes of soft-toned lasting foliage they provide—grey, silver, hoary, bronze, blue-green, which like the stones, act as mediators in this region of many and brilliant hues.

Some of the most useful are the following:

Arabis albid

Arabis albid fl. pl.
Alyssum saxatile
Aubrietia, many vars.
Anthemis montana
Artemisa frigida
Achillea serbica
Antennaria dioica
Cerastium tomentosum
Helianthemum in var.
Nepeta mussini
Dianthus caesius
Dianthus arenarius
Lavender, Dwarf.
Phlox subulata, G. F. Wilson
Sedum album
Sedum Sieboldii
Santolina incana
Semprevivum in var.
Thymus lanuginosus
Thymus serpyllum albus
Gypsophila repens.

These are all strong-growing plants and are best kept out of the way of the small choice inhabitants of the rock garden. For these also have their pacifists, the silvery *Saxifraga*, the grey rosetted *Androsaces*, small *Philleas* and the like. It is easy enough to give to each type a region of its own.

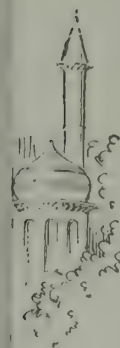
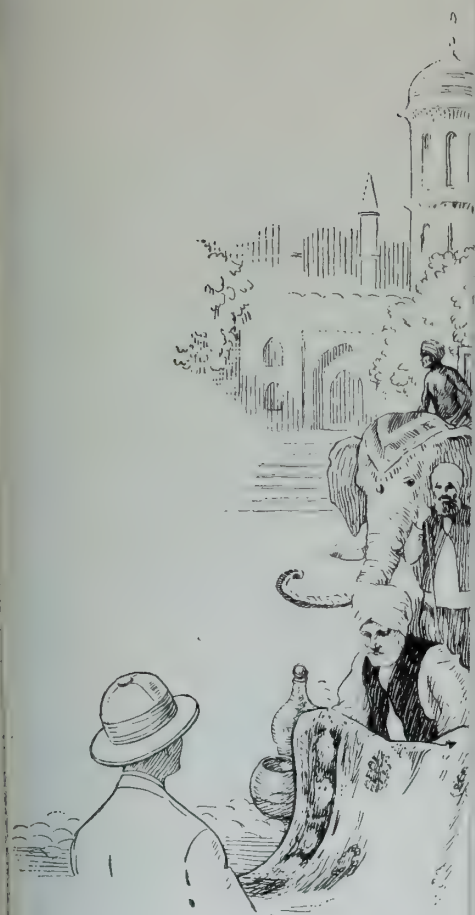
But despite all the help we receive from the plants themselves at the stones, when we have become familiar with the needs of our charges there is infinite delight in taking a hand in the gay business ourselves—placing to the best advantage those rhaps of "incredible rose-scarlet", the orange, piercing blue; reconciling the uncompromising red blooms to their surroundings, soothing some neutral beauty until all admire it. The possibilities are infinite as all will recognize who own a rock garden.

SUMMER COLORS

The great riot of color is over in the rock garden by the end of June, but July brings many *Campanula*, *Hypericums*, *Oenotheras*, *Gentians*, and more. There is a riot of color in the July rock garden, but it has simply toned down. In August and September, though the flowers belonging exclusively to the months have grown fewer, many of the earlier bloomers have experienced a fresh impetus and bloom again, riotously, but with heart enough to insure snatches of color here and there over the garden. Some of them continue until hard frost—*Poppies*, *las*, *Aubrietias*, *Alpine Daisies*.

(Continued on page 12)

THE keynote of your room is the rug which covers the floor. The **BENGAL-ORIENTAL** is the only rug with the spirit and appearance of a fine Oriental, and the only rug that can be used in conjunction with Oriental rugs or as a substitute for them.



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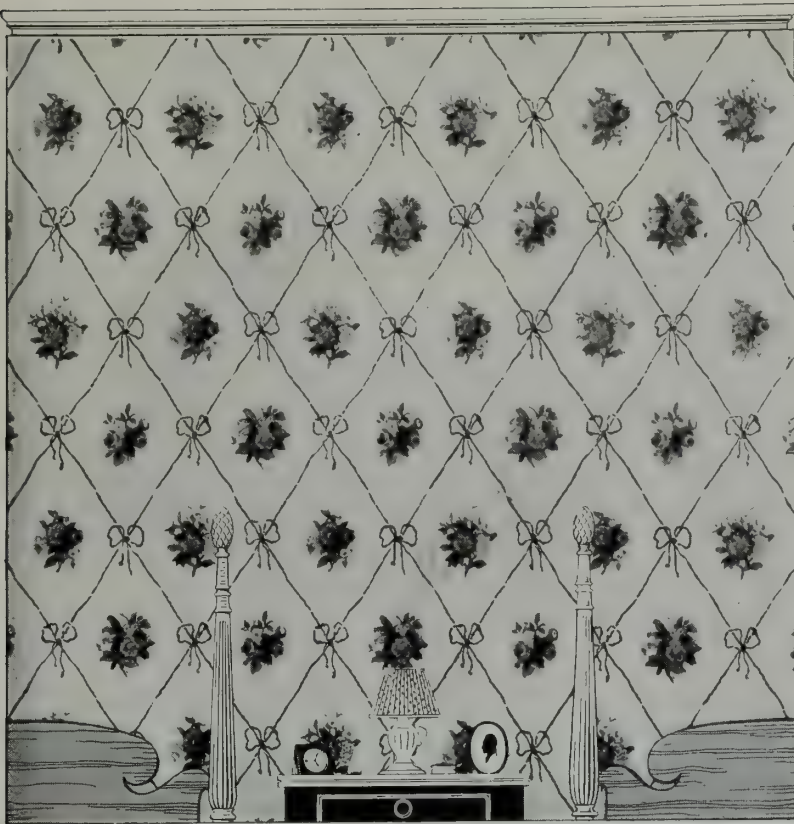


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Dining Room .			
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COLOR IN THE ROCK GARDEN

(Continued from page 122)

little yellow *Fumitory* (*Corydalis lutea*) can scarce endure to be put to bed. In December I have gathered Christmas Roses, Primroses, and the brilliant yellow *Crocus vitellinus*, native of Syria and Palestine.

And, of course, besides the flowers themselves there are the numerous little shrubs, both deciduous and evergreen, that lend themselves to the color grouping most delightfully. Many have blue-green foliage, some contribute brilliant berries, others grey or scarlet foliage. But of these more will be said in a later paper.

As I have before said the changes that may be rung upon the color associations are infinite. But we must not forget nor ignore these few fundamentals:

1. Know the needs of each plant and give it the proper physical surroundings.
2. Plant to accent or soften the topography of the little landscape.
3. Plant strong-growing, spreaders in the rougher parts of the rock garden, leaving the choicer regions for the small and fragile treasures.
4. Appreciate your stones and use them to the best advantage.

TEN MONTHS OF BLOOM

Naturally we want our rock gardens to come to life as early as possible after the turn of the year, and to continue blossoming until the latest possible moment. The few following suggestions out of the many hundreds that are possible will keep a New York rock garden in bloom for ten months of the year, sometimes more, and should take a Philadelphia garden right round the calendar, save in long periods of heavy snow.

For a first picture set a clump of Christmas Roses (*Heleborus niger*) in deep soil in a sheltered position, and near it a closely planted handful of Snowdrops, a drift of *Crocus imperati* (mauve) and a patch of Winter Aconites (*Eranthis hyemalis*). In Philadelphia these will blossom in February, in New York probably not until March.

For slightly later blossoming several clumps of *Adonis Amurensis* with wide yellow blossoms, may be surrounded by *Crocus Sieberi*, (a lavender and yellow picture.)

Leucojum vernum and the porcelain blue Dutch Crocus Maximilian are a fine association in blue, green and glistening white.

Pulmonaria azurea near *Arabis albida*—azure, grey and white.

Arabis albida rosea and *Scilla siberica*—pink and blue.

Primula acaulis (yellow English Primrose) with patches of *Hyacinthus azureus* near by. Blue and yellow and very gay.

Breadths of *Viola gracilis* near drifts

of *Narcissus W. P. Milner*, (purplish and yellow).

Tulipa praestans, high, thin scarlet against the dark foliage of dwarf yew.

Tulipa sylvestris, and *Muscari* Heavenly Blue planted behind and about a drift of Foamflower (*Tiarcordifolia*) Yellow, blue and cream.

Alyssum saxatile citrinum and *Phyllobulata*, G. F. Wilson. Laven and pale yellow.

Anchusa myosotidiflora with *Alyssum saxatile*—Bright blue and bright yellow.

Iris the Bride, grey-white, with burning orange blossoms of *C. ranthus allioni*.

Sky-blue *Linum alpinum* back of colony of alpine Poppies, scarlet white, yellow. A lovely effect. You may put the Flax near the spreading bit of pink-flowered *Androsace Chumbyi*.

Silene pennsylvanica, a native wild flower, with the graceful wand of the English Bluebell, *Scilla festu*, arising among its pink flowers.

Anthemis montana with creamy blossoms and fine grey foliage is a neighbor for *Geum Borisii* whose blossoms are orange-red.

Tumbling masses of blue *Geranium grandiflorum* backed by tall leaved spurred Columbines in white.

The Thibet Poppy in front of white-flowered *Helianthemum* with its hoary foliage.

The brilliant rose-pink blossoms of *Dianthus neglectus* are lovely in a mat of purple-flowered *Campanula muralis* near by.

Veronica prostrata with its masses of bright blue flower-spikes may be allowed to mingle with the white-flowered Maiden Pink, *Dianthus deltoides*. Both strong growers.

Allium Moly, the Spanish Onion, and Star of Bethlehem are two superb bulbous plants that appear all together in a partially shaded place.

Gypsophila repens, the creeping Gypsophila plant, with its many white flowers and grey foliage, makes a delightful mat for the wiry, purple-flowered *Calamintha alpina* to tuck over.

No better setting can be found for our native Bluebell, *Campanula rotundifolia*, than a shaded corner among small ferns.

Silene Schafstae, *Oenothera caerulea* and *Ceratostigma plumbaginifolia* are three graces of the late summer and autumn, bright pink, white, gentian blue. They bloom for a long time.

Geranium Wallichianum, many flowers and reddening leaves appearing over a small evergreen.

Sedum sieboldii with the charming autumn *Crocus speciosus*.





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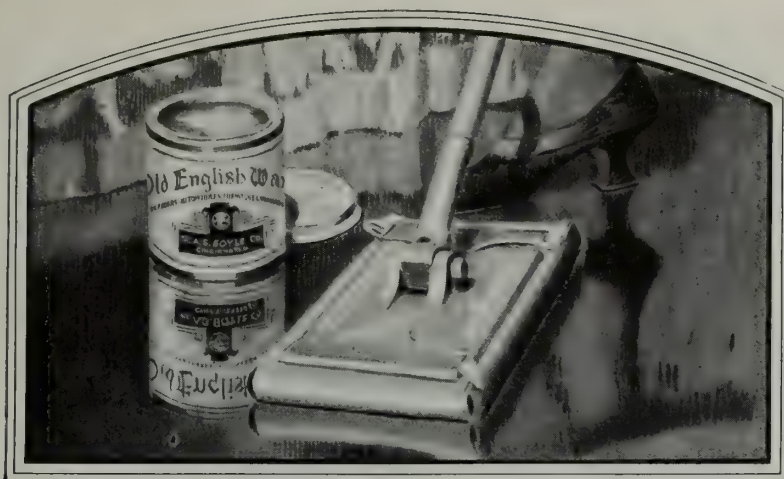
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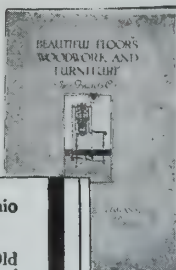
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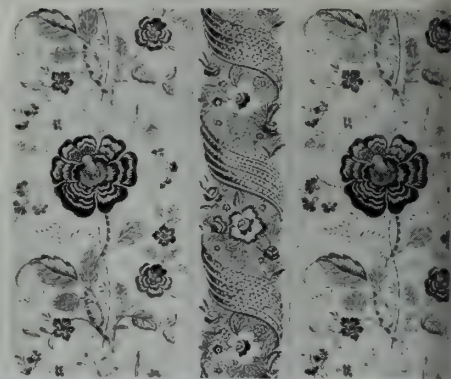
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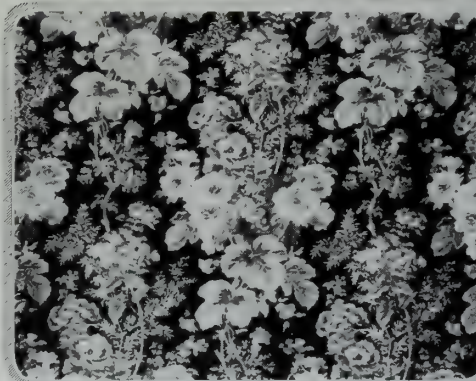
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Above. The design of this new Directoire glazed chintz is in deep pink, tan, blue and dark green on either a yellow, peach, or green ground. 31 inches, \$5.50



Above. Glazed perca with cream ground an effective column of flower design in rose green and tête de nègre. 50 inches wide, \$7.50



Left. Glazed chintz for curtains or slip cover. Prune ground and half hocks in rose, gold blue and green. 50 inches wide, \$7 a yard

At the right is a lovely semi-glazed chintz with a peach colored ground and a decorative pattern of clustered roses and leaves in ivory, pink, deep rose, yellow, green and a little blue. 50 inches wide, \$11



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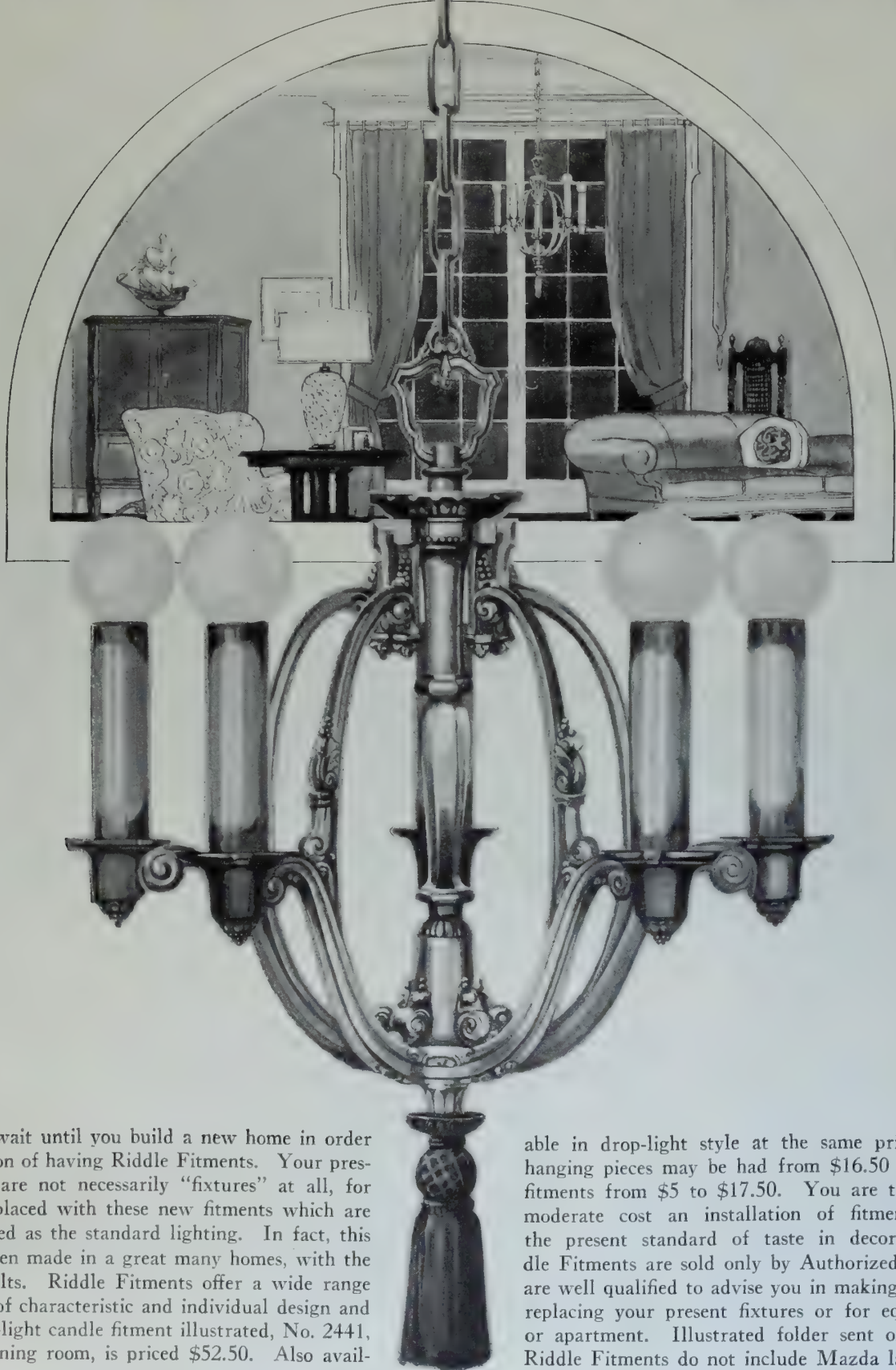
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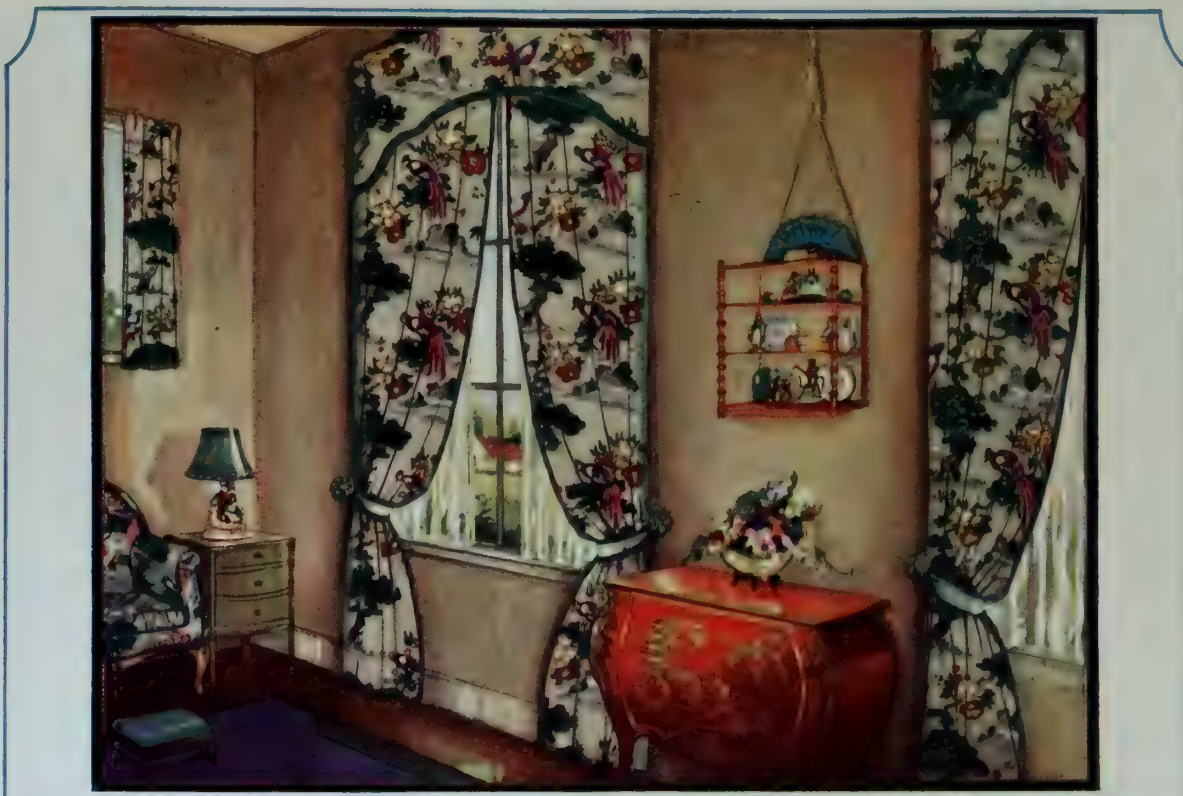
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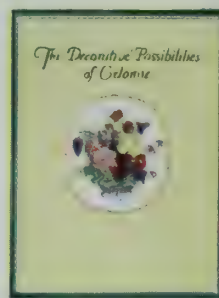
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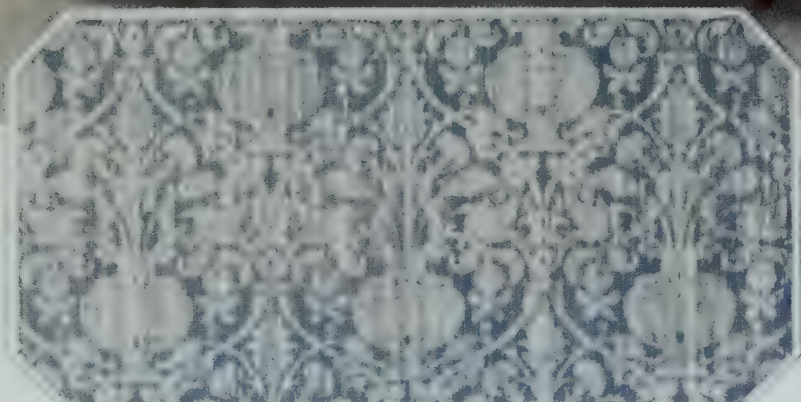
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"CHANTILLY" DINNER SERVICE

A charming creation of beautifully colored Oriental flowers with a filmy band as a background, rich gold edge and gold handles.



PLANT-BOX GARDENING

(Continued from page 101)

planted box in the strong light for a few days.

Porch and window box plants should be watered daily, for they dry out very quickly in such a small amount of soil. Just one drying-out is apt to ruin a beautiful box of plants—so keep them well watered, especially after they fill in and begin to bloom. A watering pot is much better than a hose for watering plants in boxes or pots. During the latter part of the summer, beginning in July, the plants should be watered lightly with ammonia water (a teaspoonful to a quart of water) or a little liquid manure. Stirring a spoonful of bone-meal into the surface soil now and then is also a good way to nourish the plants, especially the larger ones. Never feed a plant when it is dry. If the soil is dry, always give it a good soaking before the feeding or the plant may take an over-dose and be killed. Keep the soil well loosened and be sure to remove all of the withered and decayed leaves and blossoms as fast as they appear as this will make the box much more presentable and also induce more blooms.

The most decorative and therefore the most essential plant for the gardenette is the trailing vine. Following are a few of the most popular and most effective:

Vinca: trailing, green or variegated; grows very rapidly and covers the box making a very pretty display; will grow in a shady place; very attractive as an indoor window box plant; keep from year to year to save expense.

German Ivy: a charming, very rapidly growing, delicate vine with feathery, yellow blossoms.

English Ivy: plain and miniature leaved varieties—miniature variety very fine; grows much slower than German Ivy and must be planned closer together; is evergreen and one of the best vines to use for shady places.

Ivy Geranium: combines beauty of both Geranium flowers and vines and is one of the best plants to use in boxes; very showy—lovely when used in blue and white color schemes.

Kenilworth Ivy: fast grower; fine for hanging baskets; small lilac colored flowers.

Thunbergia Alta: a flowering vine; produces flowers of yellow, white and blue.

Smilax: glossy, green foliage; very desirable as a window box vine.

Wandering Jew: (several species)—rapid grower and perennially useful; good for shady places.

Japanese and Dwarf Morning-glories: annual vines; blossom freely; fine for southern exposures.

Nasturtiums (giant trailing): free blooming and tender annual vine; charming if their colors are harmonious with the house and surroundings.

Wild Cucumber Vine.

Maurandya: graceful and creeping—rather delicate annual climber from Mexico; fine for sheltered positions; elegant alike in flower and foliage; has tube-shaped flowers of blue, white and mauve peering up through small glossy leaves

which bring forth much admiration; blooms continuously from July on.

Cobaea Scandens: an attractive blooming vine; its blossoms are not brilliant but quite unique; very rapid growth.

FERNS—SUITABLE FOR GARDENETTE

Some of the most attractive boxes are made up of ferns as most of them are easily grown in boxes. They grow well in the shade and if well cared for will produce a lovely play of foliage.

Boston Fern

all really more desirable than the Boston fern; they possess more delicate leaves. Maidenhair Ferns: leaves of this kind of a fern should never be sprayed, always water to roots only.

Spider Ferns (of the genus Pteris) give very satisfactory results in general use.

Baby's Breath: resembles a much ruffled Boston Fern.

Asparagus Fern (Sprengerii): grows freely and quickly; good for shading; needs some sun.

ORNAMENTAL LEAVED PLANT VARIETIES

Aspidistra: variegated leaves, very ornamental, especially valuable as it is easily cared for and will thrive in spite of considerable neglect, dust and drought; does not require direct sunlight.

Maranta Vittata: decorative plant with large green leaves speckled with double lines of white.

Coleus: very useful and highly ornamental; the coloring of the leaves is very bright and most unique.

Crotons: variegated foliage of brilliant color—red, yellow and green.

Dracaenas: of same type as Cordons but has larger leaves; requires high temperature and moist atmosphere; needs a little sunshine.

Caladiums Esculentum (fancy leaved): very attractive; used often in plant boxes.

FLOWERS—SUITABLE FOR GARDENETTES

Nasturtiums: dwarf, climbing and variegated leaved; very attractive. Petunias: single, double and fringed; pink, rose, blue, purple, white and mottled.

Fuchsias: (single and double) best in partially shaded, cool positions.

Lobelias: fine for boxes or hanging baskets on account of good growth, spread out quickly and form a mass of flowers.

Geraniums: had better be new purchased each year unless kept in a house as it takes old ones which have been cut back, so they present a good spring appearance; they need lots of sun; in all colors.

—Madame Recamier, a white species.

(Continued on page 132)

"Millions of California Pine window sash and frames are in use in American homes."

Window wisdom



Window sash and frames must withstand the extremes of weather wear, plus handling and friction—a most exacting demand upon the wood of which they are made. Accurate workmanship is paramount; and it is essential that this accuracy be preserved during the life of the sash and frame.

Millwork accuracy depends primarily upon the texture of the wood used. Soft-textured California Pines are *naturally* qualified for precision millwork. They cut easily, either with or across the grain, without splitting. They surface smoothly on four sides. Their uniformly even grain allows the

cutting tool to produce sharp edges, which cast the contrasting shadows that accentuate the design of the building.

California Pine sash and frames preserve the structural form and design of the window unit, because these pines have the minimum tendency to expand and contract. They withstand the severe strains of opposing elements, as, for example, zero temperature outside the home, and 70 degrees inside; or, when the outside window woodwork is rain-beaten, while the inside is dry.

The very light weight of these

pin makes sash operation easy, at the same time lessening the cost of balance weights, or, reducing the strain on mechanical sash balances.

Sash and frames are painted inside and out. Paint protection adds to the natural wearing qualities of wood. California Pine window parts paint perfectly, their smooth surfaces readily take the paint and hold the protective coating tenaciously. The light, natural color of these pines permits any exterior color treatment, and the finest interior window finish—with assurance of lasting, unblemished beauty.



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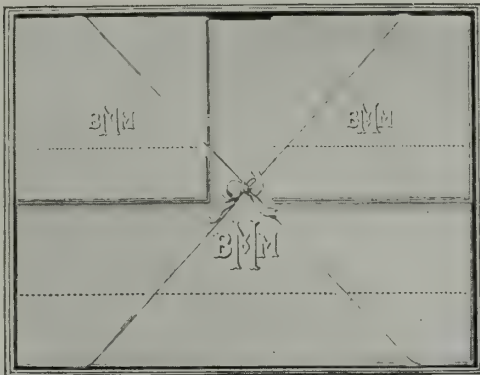


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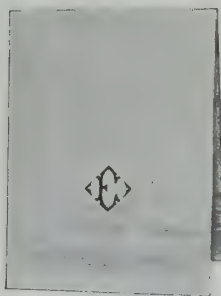
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PLANT-BOX GARDENING

(Continued from page 130)

cies and pink and salmon shades are loveliest—the camphor white species are fine combined with the deep shades of rose or red; some of the finest Geraniums are S. A. Nutt, E. H. Trego, Marquis de Castellane, Beaute Potevine, Rose-leur and Dorothy Perkins.

Begonias (including the tuberous rooted variety): next to the Geranium they are the most popular plant for flower boxes; good for east side of house and thrive wonderfully in a north window; some of the best of these are Vernon, Rex, Gloire de Lorraine, Glory of Cincinnati and Metallica (variegated leaved).

Primrose: good for a north location—will soon cease blooming if set in a sunny location; remarkable for their beautiful blossoms and their long blooming periods; the best are the Chinese and Obconica.

Verbenas: brilliantly colored—especially good in pink and white.

Lemon Verbenas: deliciously fragrant leaves, oft-times used as sprays with other cut flowers; each branch terminates in a spike of small white flowers.

Heliotrope: a delightfully fragrant plant; easily grown; a great favorite; needs lots of water and sunshine.

Mignonette: delicately scented; will bloom any time of year according to the time when planted; quick grower; grows best during the cool, moist weather of spring or fall.

Sweet Alyssum: pure white, free flowering and droopy; prefers a sunny location.

Salvia: blue and red; handsome flowering plants of bush-like growth.

English Daisies (Bellis Perennis): an old fashioned plant but always interesting; white and pink flowers.

Oxalis: grown from bulbs—use three to five to a basket; neither vine nor a trailer—the hanging basket effect is produced by the drooping stems which both leaves and flowers possess; flowers are low; indispensable for hanging kets; should be grown in full light or the foliage will grow too and long.

Gloxinias: showy and free flowering requires considerable warmth not much sun—fine for north boxes; flowers are in pink, white, blue, and rich purple.

Marguerites: white and gold flowers will bloom all summer if well cared for.

Pansies: pretty for early in the season and they may be lifted out later and their places filled with other things.

Dwarf and French Marigolds: by plants; bloom very freely and continue for months.

Calendulas (Pot Marigolds): grown in old gardens since Shakespeare's time; compact bush growth, yellow and orange blossoms.

Snapdragons (Antirrhinum): a most important and popular annual flower; easily grown.

Phlox Drummondii: free flowering annual of quick growth; color is varied and brilliant.

Tradescantia (Spiderwort): grows two feet high; long grass-like leaves and blue, violet, white or red flowers bloom from May to August.

Sweet Peas: very lovely in all shades; give both the color and trailing effect to the box.

Abutilons (Flowering Maples): plantage similar to the Sugar Maple; an attractive plant, blooms freely.

Browallias (Speciosa Major): a yearly annual from South America has bright blue and pure white flowers.

PLANT COMBINATIONS

- Nasturtiums { dwarf very attractive and inexpensive, lovely with white cottage.
- climbing
- Petunias { pink (Rosy Morn)
- white
- Pink Fuchsias
- Blue Lobelias (Gracilis or Crystal Palace)
- Pink Geraniums one of the prettiest combinations but not unique.
- Vinca
- Pink Geraniums
- Blue Perfection Ageratum
- Little Gem Sweet Alyssum
- Vinca
- Pink Petunias
- Ageratum
- Feverfew
- German Ivy
- Rosy Morn Petunias
- Blue Perfection Ageratum
- Sweet Alyssum
- German Ivy or Vinca
- Gloire de Chatelaine or Vernon Begonia
- Double White Petunias
- Blue Lobelia (Tenuior)
- Nasturtiums
- Vincas (a few to help avoid later shabbiness)
- White Feverfew
- Candytuft (filled in)
- Lemon Verbenas (at ends and middle)
- Vincas
- Nasturtiums
- Lemon Verbenas
- Fringed or Double White Petunias
- Sweet Alyssum

(Continued on page 138)

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AT THIS season of the year the shops are full of interesting suggestions for freshening up the country house—furniture, chintzes, wall papers and the small accessories that contribute so much to the general appearance of an interior.



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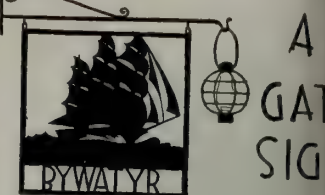
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IN ADDITION to the regulation paper there is an interesting wall covering made of cloth and treated with durable oil colors that do not fade. Plain colors are available in this material as well as conventional foliage and flower designs, mottled effects, stripes and tile patterns. As this material can be easily cleansed with a damp cloth, it makes a practical as well as decorative covering for the various rooms in a country house.

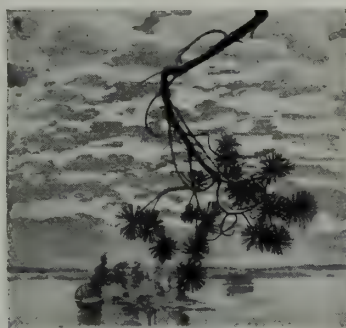


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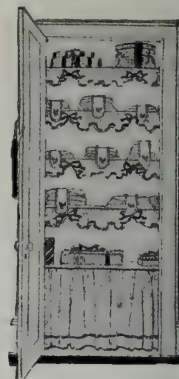
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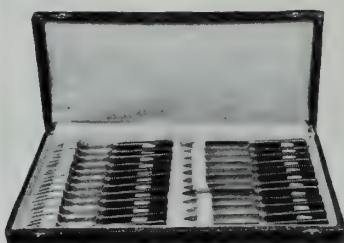
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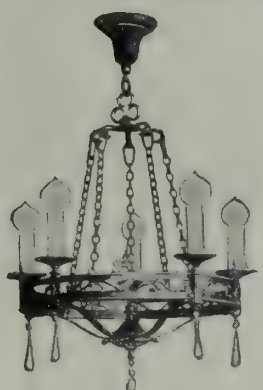
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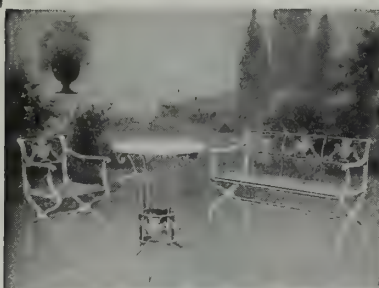
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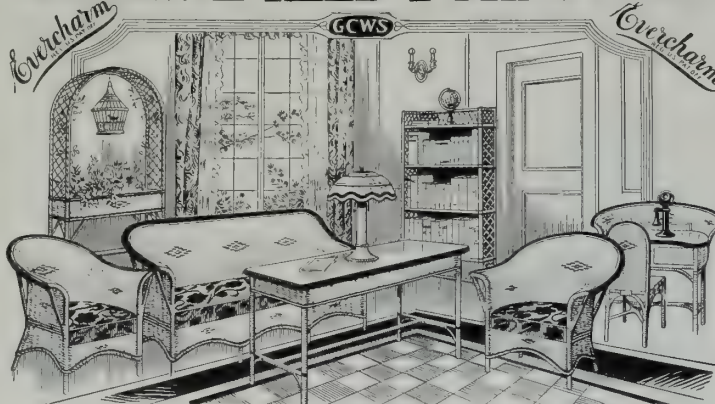


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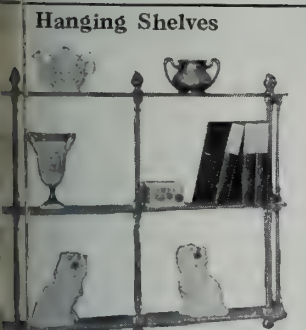
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...s coast style of wicker furniture is
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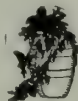
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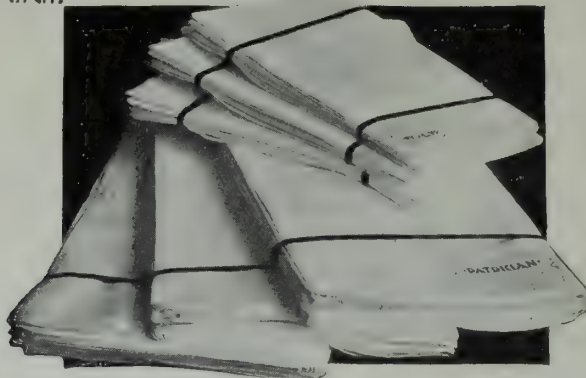
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able for a hall or breakfast room has a white ground and
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gray and black with here and there a touch of copper. It is
the black note in this paper that gives it its distinction. It
would make a gay and decorative hall with furniture and
woodwork painted green and cushions or curtains of copper
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WITH colorful papers of this description it is advisable
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gauze, taffeta or glazed chintz. If one prefers plain effects
and the walls are not in condition to paint, there are plain
papers in a variety of lovely pastel shades. With these, of
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Fine textured and flawless, Patrician Percale is the
perfect material for sheets and pillow slips. Made
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unusually well finished and hemstitched, for single
beds 72" x 108" \$5.50 each; for double beds 90" x
108" \$6.50 each; pillow slips 22½" x 38" \$1.25 each.
These prices cannot be maintained indefinitely—it is
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Our Reputation for Reed Furniture of the Highest Quality and
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New Shipment just received in both Dark and Light Grounds
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Spanish Renaissance Lantern
For Ceiling Use

Hand Wrought. Furnished in black with old
white or ambr glass—or with white or
orange mica. Wired complete ready for use.

No. 224 —14" high Price \$20.00
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Finished in Spanish Polychrome 20% extra



"Convertible in a Jiffy"



—a smart table for smart folk!



Pull knob
to lift top

THINK! A library table you can convert into a dining table by pulling a concealed knob, and then pulling out the extensions from both sides! It's called the Jiffy-Dine, and is the very latest whisper in things that go to make the home more beautiful and livable.

This table is a great improvement over any library Extensio



Draw out leaves

To furnish the one-room apartment or small house is such a problem—one invariably has too much or too little. The table is usually the balancing point, and if it must serve two purposes, it is necessary that it be attractive, substantial and—just the right size. All these things you will find in the Jiffy-Dine which has enjoyed such a tremendous demand since its introduction a short time ago.



Push knob
to drop top

Home is the place in which you live, relax, are comfortable and settled. The Jiffy-Dine adds that distinctive note of personality which is the making of a really livable home. Be sure you look for the "top lifting" Jiffy-Dine, for it is a marked improvement over the first Jiffy-Dines sent to market.

Send the coupon for folder
illustrating the various styles
of Jiffy-Dines

GREGORY FURNITURE MANUFACTURING CO.

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Gentlemen: I shall appreciate a copy of your folder, illustrating the various styles of the Gregory "Jiffy-Dine."

Name _____

Address _____

Furniture Dealer _____

PLANT-BOX GARDENING

(Continued from page 132)

- { Pale Pink Begonias } massed together make an enchanting groupin
- { Ferns } especially good for a north window.
- { Asparagus Sprengerii }
- { Fuchsias }
- { Cigar Plant }
- { Heliotrope—if there is plenty of sun.
- { Geraniums—for greenery.
- { Salmon Pink Geraniums }
- { English Ivy }
- { Browallia (Speciosa Major) }
- { Pink Petunias }
- { Daisies }
- { Pansies }
- { Rose Geraniums }
- { Lilies of the Valley }
- { Petunia (Burpee's Blue) }
- { Morning Glory (Fuchsia Flowered—Rose-pink) }
- { Petunia (Balcony Blue) }
- { Ageratum (Tom Thumb—blue) }
- { Heliotrope (dark purple) }
- { Coleus (Sunset—a diversity of shades and wonderful combination of }
- { Heliotrope }
- { Mignonette }
- { Lemon Verbena } a box of perfume—besure to plant this where the fragra
- { Rose Geranium } is wafted into the house or onto the living porch.
- { Verbena (purple) }
- { Ageratum (blue) a lovely purple and blue combination.
- { Heliotrope (dark purple) }
- { French Marigolds (Dwarf Orange-ball) an orange combination.
- { Nasturtiums (Tom Pouce Trailing—orange) }
- { Aster (Daybreak—Lavender) a lavender combination.
- { Snapdragon (Orchid or Mauve) }
- { Phlox (Lilac) }
- { Ivy Geranium (pink) a fine pink combination.
- { Fuchsias (pink) }
- { English Daisy (Snowball) }
- { Aster (White Daybreak) a white combination.
- { Pansy (Snow Queen) }
- { Sweet Alyssum (white) }
- { Snapdragons (white) white combination—very lovely.
- { Maurandya (white) }
- { English Daisy (Longfellow—dark rose) }
- { Verbena (rose) rose combination.
- { Begonia (rose or salmon) }
- { Salvia (red) }
- { Geraniums (red) red combination.
- { Fuchsia (red—trailing) }
- { Marigolds or Calendulas }
- { Heliotrope purple and gold combination.
- { Purple Verbenas }
- { Ivy Geranium }
- { Scarlet Geranium Geranium combination fine for a west window.
- { White Camphor Geranium }

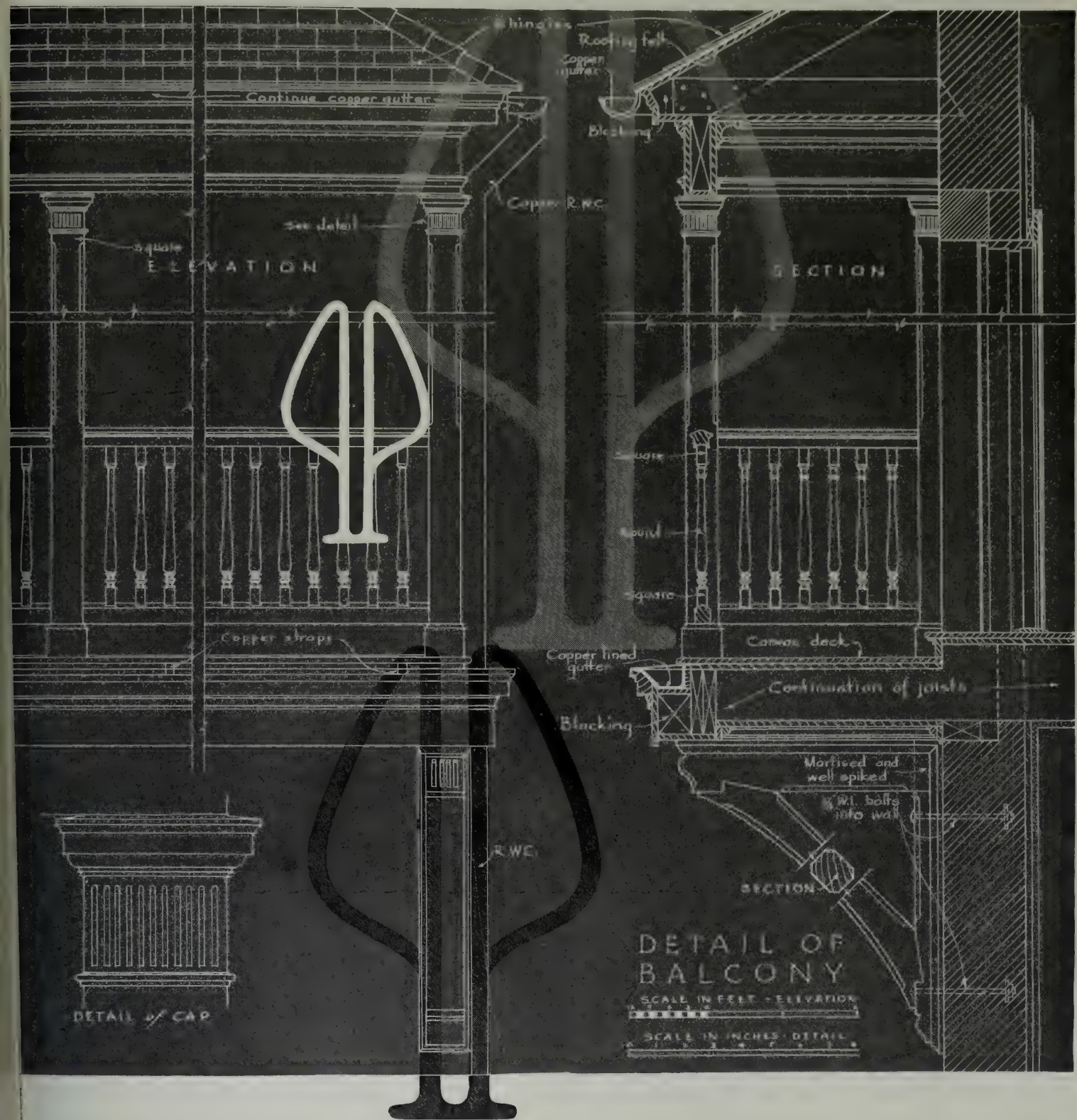
When the frosts come and ruin the summer gardenettes, pull or take out all the roots and refill the boxes with dwarf evergreens such as Retinspora, Arborvitae, Spruce or the tiny Pines, Hemlocks, Cedars or Juniper trees. There are nurseries that specialize in these tiny trees. Though they do not make much growth all winter they make very attractive boxes. Sprigs and branches of these same evergreen species just stuck in the ground (not rooted) will stay green for a long time and make a good substitute. Japanese Barberry and an evergreen vine such as Evonymus are very attractive as winter box plantings. Keep the snow brushed off of them well and they will be much less apt to turn brown.

Bulbs set out in boxes will behave exactly as they would if set out in a bed, and lovely varieties and combinations can be indulged in, either indoors or outdoors. The Early Tulips, Paper-white Narcissus, Trumpet Daffodils, Roman Hyacinths, Dutch Hyacinths,

Campernelle Jonquils, Chinese Lilies, Bermuda Lilies, Freesia are all practical and lovely. Tle ble pink tulips are lovely co with white or very light shad as the Painted Lady, Mrs. Cleve the Wedding Veil.

A succession of zinc refills bulb boxes is a new idea which very satisfactory either indoors. Starting with a combination o cinths—rose and white or red a —which will bloom for severa indoors, replace this with a com of Daffodils or Jonquils (w and Narcissus (white). This followed by Tulips of some combination which can be trar from the indoors position to th for earliest outdoor effects. T a wonderful range of bulbs wh be used in these indoor garden ought to enable everyone to w combinations to suit their own ual tastes.

A splendid idea for the apa (Continued on page 140)



The ideal lumber for ideal homes—Pondosa Pine

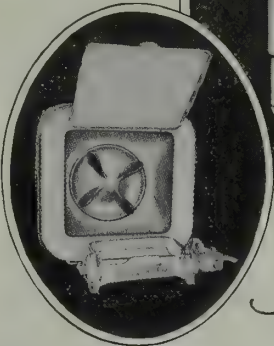
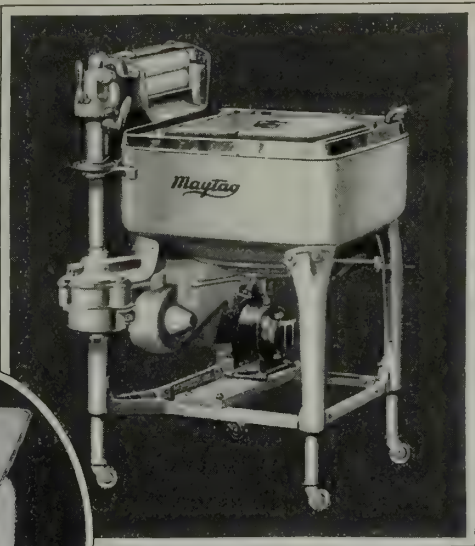
OF ALL the softwoods, there are few to equal this wonderful pine that grows in the Inland Empire of the Great Northwest. It can be used wherever the specifications call for lumber of a superior grade. Pondosa Pine is light, yet strong. It surfaces beautifully and holds paint

well. It is dependable. It is economical. Every trade-marked stick is rigidly *graded, thoroughly seasoned* and carefully *milled*. For sale by all good lumber dealers. Write for booklet. Address Dept. 10, Western Pine Manufacturers Association of Portland, Oregon.

Pondosa Pine

The Pick o' the Pines





The Aluminum Tub

NOTHING better illustrates the determination of The Maytag Company to build the world's finest washer than the indestructible, cast aluminum tub of the Gyrafoam.

It does not rot, rust, warp nor wear out. There are no corners nor soldered joints. It is at all times sanitary—automatically self-cleaning. It keeps the water hot, and it functions perfectly with the action of the gyratator in its base.

That the aluminum tub costs three to five times more than all others to produce, brought at first many accusations of unwarranted extravagance. Today, however, its great economy is recognized as its most distinguishing virtue.

May I urge that you thoroughly examine the Maytag Gyrafoam Washer? Permit the nearest Maytag dealer to deliver one to your home. Wash with it! You may do so without cost or obligation. The very first Gyrafoam sold itself. One in your home will sell itself to you.

F. L. MAYTAG, Founder
THE MAYTAG COMPANY, Newton, Iowa

Maytag
Gyrafoam Washer
WITH CAST ALUMINUM TUB



Silver Gift, one of the new English Daffodils, flowers late and bears snow white flowers on stalks 16 inches high. It is suitable for the border

NARCISSEUS NOTI

THE Royal Horticultural Society of England sometime ago adopted a classification of Narcissi. Eight types were listed, as follows: (1) Trumpet, those in which the trumpet was as long as or longer than the perianth; (2) Incomparabilis, those in which the cup measures from one-third to nearly equal the length of the perianth; (3) Barri, the cup measuring less than one-third the length of the perianth; (4) Leedsii, all the Chalice-cupped and short cupped Narcissi having a white perianth and a cup of white, cream or pale primrose; (5) Jacquils and their hybrids; (6) Tazetta, bunch-flowered or Polyanthus, and their hybrids; (7) Poeticus, all with snowy white perianth and flattened yellow cup more or less deeply colored with

scarlet or crimson; (8) Double fodils.

Examples of the Trumpet class are Emperor and Empress; of the incomparabilis, Lucifer and Sirkins; of the Barri, Firebrand, Beacon and Barri Conspicuous; of the Leedsii, Mrs. Langtry and the Lady; of the Tazetta, Glorios and Her Majesty; of the Poeticus, andra and Glory of Lisse; and of the Doubles, Van Sion and Campion. Regulus Plenus.



This time of year a great many people will be kind enough to tell us that the presentment has arrived. (Continued on page 1)

Narcissus *Elvira* *Chives* *Mint* *Tarragon* *Sage* *Let* *Radishes* *Parsley* *Pepper* *and* *Radishes* *may* *be* *sown* *in* *the* *boxes* *It* *is* *really* *best* *to* *raise* *plants* *for* *the* *others* *altho* *they* *can* *be* *raised* *from* *seed* *Do* *not* *sow* *the* *seed* *thickly* *unless* *they* *are* *to* *be* *thinned* *out* *later* *A* *few* *sw* *per* *plants* *are* *fine* *for* *fl* *peppers* *for* *the* *salads* *and* *are* *not* *unsightly* *looking* *for* *in* *the* *porch* *planting* *as* *they* *are* *of* *bush* *formation* *and* *have* *fi* *and* *the* *fruits* *of* *shiny* *red* *a* *grow* *make* *them* *quite* *decorative*

PLANT BOX GARDENING

(Continued from page 138)

dweller (also good winter and summer) is a vegetable gardenette. It is best to have a south or west window for exposure. I may also add that it is very difficult to grow any kind of plant in a kitchen where there is gas. If this is an outdoor gardenette, it can be placed on a back porch or stoop or under a kitchen window. I think that you will find it a source of much pleasure as you will be able to grow certain plants and herbs to use for flavoring, garnishing and decoration and even your first spring radishes, lettuce and onions, if you wish. The easiest plants to grow are Parsley (which is graceful and decorative

wherever it is planted), Peppers, Chives, Mint, Tarragon, Sage, Lettuce, Radishes and onions. Parsley, Pepper, and Radishes may be sown directly in the boxes. It is really best to raise plants for the others although they can be raised from seed. Do not sow the seed thickly unless they are to be thinned out later. A few sweet pepper plants are fine for flavoring peppers for the salads, and are not unsightly looking for in the porch planting as they are of bush formation and have fine leaves and the fruits of shiny red color make them quite decorative.



and here's our bright basement"

"Isn't it bright and airy—almost as light as the rooms upstairs? When our architect drew the plans he put in plenty of basement windows and specified Fenestra. They're the kind that let in more light and never stick or warp."

Why not have a Fenestra basement in *your* new home? Why not when it costs no more to have sturdy steel windows than it does to have them built of wood? Think of the convenience of having the whole basement flooded with light—a bright airy laundry, a furnace room where you can see and a cheerful playroom for the children.

And there are other good things gained

when you tell your architect and builder to use Fenestra Windows. You've struggled with sticking windows? You'll never have that trouble again. You've seen wood windows that have rotted and decayed? That will never happen. And besides there's less chance of fire, less danger of intruders.

Not only in the basement, but throughout the entire house, you can enjoy these steel window advantages—and you'll find the cost surprisingly low. Ask your lumber or building supply dealer about them.

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A-2256 E. Grand Boulevard., Detroit, Mich.
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160 River St., Toronto, Ont.

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Fenestra Casement Windows

Surely you want to build "up-to-dateness" into your new home—you want all of the *future value* you can get. Then choose Fenestra Casements of the beautiful English type. These long-lived steel windows add both coziness and beauty to every room, dress up the exterior, and provide many other advantages.

Fenestra Garage Windows

And while your builder is installing Fenestra Windows in the house he can put them in the garage also. Fenestra Utility Windows will quickly carry off the dangerous gases and fumes, they will give you more light when you work around the car and like all Fenestra Windows they'll last as long as the building.

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Name.....

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Residence of Dr. E. C. Reifenstein, Syracuse, N. Y.

Not Only in Large Homes —does the Kelsey save money

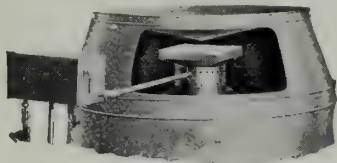
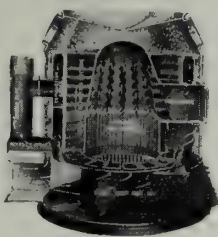
In any home, anywhere,—palatial mansion or more modest dwelling—Kelsey Health Heat warms comfortably and economically, and stands guard over the family's health.

And is this wonderful heat economical too?

Well, a saving of seven tons of coal in one season surely sounds like economy.

This saving was reported by a prominent resident of Syracuse, N. Y., who says that for once in a heating plant he got economy, and supreme comfort at the same time.

You're probably now putting in next winter's coal. Better consider replacing that wasteful heater with the economical Kelsey.



The Automatic Humidifier

Kelsey literature will bring you some mighty valuable heating information. Ask for it.

THE KELSEY

WARM AIR GENERATOR

(Trade Mark Registered)

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Sales Offices
Boston—New York—Brockville, Canada

Dealers
Principal Cities



Cleopatra is a fine yellow trumpet Daffodil suitable for careful growing in the border

NARCISSEUS NOTI

(Continued from page 140)

an embargo against the importation of the Narcissus. Those who are wise will buy now. The following would be a representative selection; Emperor, Glory of Sassenheim, Madame de Graaff, Empress, King Alfred, Treserve, Barri Conspicuous, Cossack, Croesus, Firebrand, Red Beacon, Sunrise, Gloria Mundi, Homespun, Lucifer, Sir Watkins, Will Scarlet, Campenelle odorus regulosus, Katherine Spurrell, Mrs. Langtry, Queen of the North, White Lady, Admiration, Alsace, Elvira, Casandra, Glory of Lisse, Poeticus ornatus, Campenelle regulosus plenus, Sulfur Queen, Van Sion, Van Waveren's Giant.

The interest in Narcissi is, indeed,

old. In the *Paradisus* of John Parkinson, published in 1656, no less than 94 plants are described belonging to the Narcissus family. A new Dutch catalog lists 165 Narcissi.

Parkinson is credited with the first hybrid Daffodil so long as 1618. The later hybridists include such names as Dean Herbert, Dr. Ward Leeds, after whom was named the Leeds group, William Bocking and John Horsfield. Of collectors Peter Barr ranked among the Narcissus enthusiasts.

A partially shaded spot is preferred for Narcissi because the flowers last much longer than when in sun. An orchard slope is ideal.

Cornus is a fine poeticus Narcissus, with a white perianth and a bold canary cup banded with scarlet



(Below) A naturalized meadow in the Mayfair Glens of Chester, N. Y.



Perrett



THE HOUSE THAT BEAMS A WELCOME

A Comment by JAMES WALLEN

ALL over this land of lovely homes are houses so intensely personal that they suggest their owners.

Here pictured is the home of Robert J. Dwyer, ship chandler, at Kingston, New York, that beams a hospitality very characteristic of its host.

The house has some of the cavalier quality of Old Spain, reconciled to the austerity of the north. It has both dignity and cheer in right proportions—a balance desirable in both hosts and houses.

McDougall-Butler varnishes, enamels and paints that refine everything they cover, were used in and about the Dwyer house as in many other homes where charm abides. Samples will be sent you for the asking, of three McDougall-Butler products—Zanzite, “the lily among enamels”; Mattona, “the true mat finish” and Permanite, “a crystal-clear varnish.”



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BUILD so that in the years to come you will be proud still to say: “This is my home.” Plenty of closets, there must be. And perhaps a cordial entrance hall and a graceful winding stairway.

But don’t neglect hardware. Plan now, when making your appropriation, for the hardware that is built for tomorrow. Solid knobs, handles and other pieces of wear-resisting brass or bronze. Cylinder locks that work smoothly and give definite security at every entrance door. Easy spring locks, quiet and sure acting, for inner doors. Effective fasteners at all the windows. Sargent Hardware will be a source of satisfaction through the years.

Choose Sargent Hardware with your architect. “The Colonial Book” aids selection. It is free. Write for it today.

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Hardware Manufacturers

31 Water Street New Haven, Conn.



Get this valuable book

...only 10c

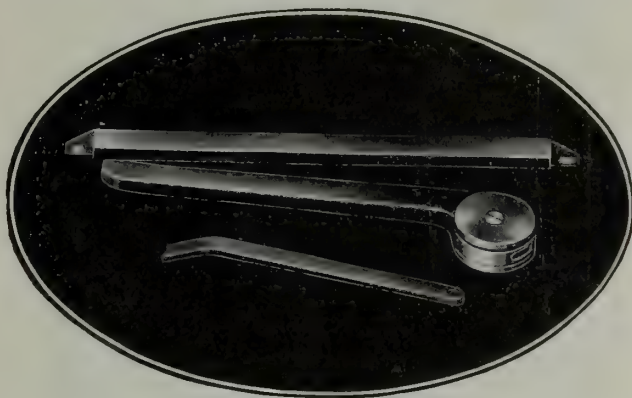


"Things You Ought to know about Casement Windows"

It tells you how to have the greatest convenience and comfort with your casement windows—and having that is merely a matter of knowing in advance the best methods of construction and operation.

Profusely illustrated. Also gives a complete description of Win-Dor

Casement Operators, which enable you to swing your casements without opening your screens—the most important feature for your casements to possess. Write for the book today enclosing 10c in stamps. Address The Casement Hardware Co., 220 Pelouze Building, Chicago.

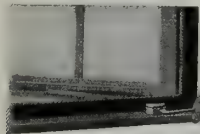


... and here it is ...
a first grade Win-Dor Casement Operator

\$2

We have worked ten years to produce this—a casement window operator of the famous Win-Dor type and made of best materials ... yet to sell at a price within the range of the most modest builder. And here it is.

\$2—think of that—less than it costs builders to use old-fashioned adjusters and hinge the inside screens. Use this coupon and get descriptive circular, just off the press. Don't delay.



No need to open the screen to swing the casement. To operate the sash simply press downward lightly on the operator handle inside the screen, releasing automatic lock and then swing the casement by moving the handle easily and quickly to right or left. Advantages: easier operation, never an opening for flies or insects, no tearing or soiling of curtains or drapes, no rattling or banging of casements, no "acrobatics" trying to operate window.

The Casement Hardware Co.

Casement Hardware Headquarters for Nearly Twenty Years

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The Casement Hardware Co., 220 Pelouze Building, Chicago

Please send free circular describing The New Standard

Win-Dor
OPERATOR

Name _____

Address _____

Concealed type Mixometer showing the rugged behind-the-wall construction.



**When You Build or Alter,
You Want a Mixometer Shower—**

Here's Why

TURN the single handle of the Mixometer and instantly you have just the shower temperature that you desire—There's no fussing—no bother and no water wasted trying to get it "right."

The Mixometer has 23 years of development behind it and passed the experimental stage years ago. It is produced by a company that has 56 years of experience in the plumbing industry—one half of this time specializing in showers.

Three popular types of Speakman Showers are shown below. Of course we also make other Mixometer Showers for all types of bathrooms and installations.

Let us send you our booklet, "Once-Used Water." It will aid you in selecting the right shower and other plumbing fixtures for your home. Your plumber and architect know Speakman Showers and Fixtures. We will be glad to work with both of them. In writing you might mention their names.

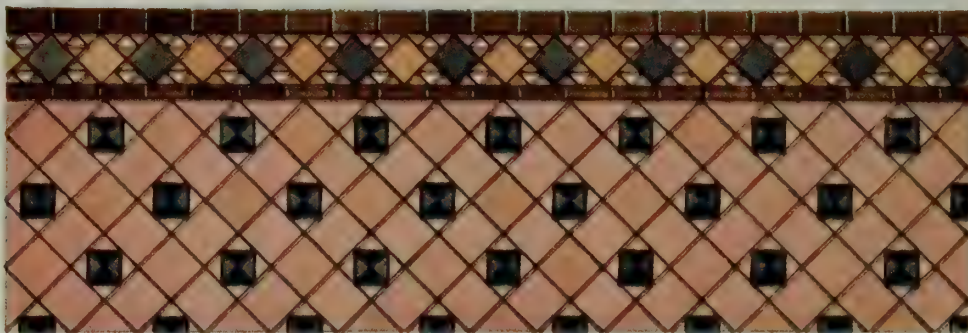
SPEAKMAN COMPANY, Wilmington, Del.



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TYPICAL WALL SECTION



SECTION OF FLOOR
Italian Stair Hall

Colonial Bath Room



Period Motifs

These period motifs are correct, authentic, and in the true spirit of their respective periods. They are adaptable and appropriate for houses large or small. Size, color, glaze and texture have been painstakingly selected to insure a pleasing and artistic result. Without the correct

tiles it is impossible to duplicate these effects.

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specifications. To assure you of proper reproduction—with all the fine qualities which these original designs possess—we have prepared specifications and plates in full color. This association will cooperate with you in securing tilework that is attractive, durable and in other ways satisfactory.

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Producers of Beautiful Tiles

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Alhambra Tile Company
American Encaustic Tiling Co., Ltd.
Beaver Falls Art Tile Company
Cambridge Tile Mfg. Company
Grue Faience & Tile Company
Matamoras Tile Company
Moscow Tile Company



Booklet free. Specifications and color plates (the three shown here) for 8 cents postage.

National Tile Company
Old Bridge Enameled Brick & Tile Company
Perth Amboy Tile Works
The C. Pardee Works
United States Encaustic Tile Works
Wheeling Tile Company



The furniture, kitchen cabinet, and walls in this kitchen are finished with White and Blue Valspar-Enamel; the kitchen range with Black Valspar-Enamel; the drainboard and linoleum with Clear Valspar.



Table top finished in light blue obtained by mixing Medium Blue and White Valspar-Enamel.

Make a model kitchen with Valspar-Enamel—

Valspar-Enamel will quickly brighten an old-fashioned, uninteresting drab kitchen into a bright, cheerful, easily-cleaned, modern "work-shop."

Here's how one woman did it. She painted all the dark, time-stained wood trim with white Valspar-Enamel. Then she put white and blue Valspar-Enamel on her kitchen furniture, chairs, stool and table.

The stove she painted with black Valspar-Enamel so that it looked like new. The metal fixtures and hot water boiler she polished and then Valsparred so that she'd never have to bother with polishing them again. The drain-board and the linoleum likewise were Valsparred.

She did it all herself, too. And you'd hardly believe it was the same place—it looks so clean and full of sunshine.

And here are two big points this woman found out; her kitchen wasn't merely

more cheerful—it was also *accident-proof*. Practically nothing you can spill around a kitchen will mar a Valsparred surface.

Valspar-Enamel comes in twelve beautiful colors; Red—*light and deep*; Blue—*light, medium and deep*; Green—*medium and deep*; Ivory, Vermilion, Bright Yellow, Gray and Brown. Also in Black, White, Gold, Bronze, Aluminum and Flat Black. By mixing two or more of these colors, you can secure any shade you want. Valspar-Enamel dries dust-free in two hours, hard in twenty-four, with a brilliant lustre. It can be rubbed down to a rich dull finish if preferred.

Send today for your sample can of Valspar-Enamel, specifying the color.



Valspar protects linoleum

Largest Manufacturers of High Grade Varnishes in the World

VALENTINE'S VALSPAR ENAMEL



The famous Valspar boiling water test

This Coupon is worth 20 to 60 cents

VALENTINE & COMPANY, 460 Fourth Ave., New York
I enclose dealer's name and stamps—20c apiece for each at right. (Only one sample each of Clear Valspar, Varnish-Stain and Enamel supplied per person at this special price.)

Valspar Instruction Book with Color Charts, 15c extra.
Print full mail address plainly.

Dealer's Name.....

Address.....

Your Name.....

Address..... City.....

Valspar-Enamel ☐
Choose 1 Color ☐
Clear Valspar ☐
Valspar-Stain ☐
Choose 1 Color ☐
Valspar Book ☐

H. & G. 6-25



The Public School at Kohler

It is no ordinary school. But Kohler is no ordinary village. We are as proud of Kohler as we are of the quality of Kohler enameled plumbing ware and private electric plants

ATINY garden will fill the house with lovely flowers. Just so, a simple bathroom, an inexpensive one, a little one if need be, can bring the thrill of clean, fine living. For it may have the same choice fixtures of Kohler Enameled Plumbing Ware that are used in costliest bathrooms. No other good ware is priced more moderately. Yet no fixtures can surpass in alluring grace or lustrous beauty those which bear the name "Kohler," faintly fused into snowy enamel.... Please write for Booklet E. It shows fine fixtures for bathroom, kitchen and laundry.

Kohler Co., Founded 1873, Kohler, Wisconsin

Shipping Point, Sheboygan, Wisconsin

BRANCHES IN PRINCIPAL CITIES

KOHLER OF KOHLER

Enameled Plumbing Ware



For the first time — a thatch roof at moderate cost

For the English Cottage type of home there's no roof quite so fitting as a thatch.

Such a roof completes the harmony of line and coloring that is the making of a beautiful home.

But it has always been a rather expensive roof to apply.

Now, for the first time, you can secure this appropriate thatch effect in a moderately priced roof—The Richardson Multicrome Thatch.

Here is a roof whose softly blending tones of weathered brown and tile red slate flakes suggest the mellow English downs in every curve. Or, if you prefer, you can have a similar mixture of weathered brown and jade green coloring. And the distinctive cut of this roof, too, increases its unusually realistic thatch appearance.

The Multicrome Thatch is an exceptionally easy roof to apply. No expensive trimming or steaming is necessary to secure the thatch effect. This roof comes in convenient sections, all cut and ready to lay directly on the roof boards.

Richardson has also developed other new roofing color effects of a beauty hitherto available only in the more expensive materials.

Other rich blends of color

Bronze mosaic! Onyx! These are colorings likewise suited to different architectural types of homes.

50% thicker than the ordinary roof

The Multicrome Roof is built of Richardson Super-Giant Shingles—extra large, extra heavy. Its 50% greater thickness adds years of endurance. Its base is sturdy, long-fibre Richardson felt. Its waterproofing is Viskalt—99.8% pure bitumen, especially vacuum-processed. Its surface is slate in close, overlapping flakes—further protection against weather and fire hazards.

This roof gives the maximum value at a moderate price. It is economical to lay and equally good for new or over-the-old-roof jobs.

Before you build, before you re-roof, by all means see these new roofs. One of them can give your home just the distinction and charm you have always wanted it to have.

Indeed, your greatest opportunity to add to the beauty of your home lies in a choice of the most effective roofing colors.

To help you choose

To help you make the most of this opportunity we have prepared an authoritative booklet, *What Color for the Roof?*

In it is page after page of beautiful homes in different architectural styles, all in color to show the most tasteful effects in body, trim and roof combinations. Interestingly explained, too, are the principles of all good color schemes.

And with the Richardson Harmonizer which it contains, you can see the complete effect of 54 different roof and house combinations.

The price of the book and Harmonizer is 25c. Send the coupon at the right for your copy.

See the new colors at your dealer's

Your nearest dealer in building materials can show you these and other beautiful Multicrome Roof

He will tell you, too, why the points mentioned in the panel on the left make their beauty lasting

DEALERS: There is a Richardson product for every roofing need. Perhaps you can secure the Richardson franchise for your territory. Write

The RICHARDSON COMPANY
Lockland (Cincinnati) Ohio



New York City
(1008 Fisk Bldg.)
Chicago Atlanta
New Orleans Dal.
63 Albany St.
Cambridge (Boston)

The Richardson Company
Lockland, Ohio
Dept. 38-E

Enclosed find 25c (stamps or coin). Send for your new booklet, *What Color for the Roof?*

Name

Street

City

☐ Check here if you want the free booklet, *A Richardson Product for Every Roofing Need.*

RICHARDSON ROOFING



Start with the floor when you plan a room

Do you want a dark floor? Then give thought to the wood that you use for flooring. It should be a wood of such texture that it will take a stain; a wood of such fine graining that it will stain evenly; a wood of such toughness that it will outlast the home.

That means Beech or Birch—almost equal to Maple in hardness, with a susceptibility to staining peculiarly their own.

Do you want a light floor—a floor with the airy cheerfulness of sunlight? Then think of Maple, fair and golden in hue when waxed or varnished; Maple, which gives beauty to ball rooms and is so hard it outwears stone.

Floor with Maple, Beech or Birch, in any room and every room of your house. These three floorings have a uniformity of toughness and a versatility of color possibilities which meet every need and suit every taste.

Write the MFMA Library for facts about these three floorings. COLOR HARMONY IN FLOORS, NEW FLOORS FOR OLD and THE FLOORS FOR YOUR HOME are three of the interesting publications sent free on request.

MAPLE FLOORING MANUFACTURERS ASSOCIATION
1047 Stock Exchange Building, Chicago

Guaranteed Floorings

The Mark MFMA on Maple, Beech or Birch Flooring signifies that the flooring is standard and guaranteed by the Maple Flooring Manufacturers Association whose members must attain and maintain the highest standards of manufacture and, here to manufacturing and grading rules which economically convey every particle of these remarkable woods. This trade-mark is for your protection. Look for it on the flooring you buy.

MFMA

Work with Maple

Beech or Birch

Good Buildings Deserve Good Hardware



"No! Corbin Hardware didn't cost us a bit more"

WHICH only goes to prove that beauty and quality in hardware need not be expensive.

The simplest cottage, the finest mansion, the greatest office building—all insist upon having doors, and windows or transoms, cupboards or closets. And how helpless these are without hardware that works.

Think then not of what Good Hardware—Corbin—"takes", but of what it "gives"—of doors that swing serenely through life because of dependable hinges and responsible locks—of windows that cheerfully rise and close at any hour—of Corbin equipped homes, offices, schools, hotels and other buildings whose hardware is a joy to live with.

If from your hardware you expect satisfaction, then Good Hardware is most economical. You can't get hardware of that kind any cheaper than Corbin's.

If you are thinking about building you will profit by reading "Good Buildings Deserve Good Hardware." May we send you a copy?

P. & F. CORBIN SINCE 1849 NEW BRITAIN CONNECTICUT
The American Hardware Corporation, Successor
NEW YORK CHICAGO PHILADELPHIA



Crane's Cordlinear

That elusive thing called charm has surely been caught and embodied in this new, smart Crane creation.

Its novel cord effects, broken by self-tone vertical lines, give depth and richness to the paper without affecting its pleasing writing qualities.

There are four dainty colors to choose from and many new paper folds and envelope shapes.

You will find Crane's Cordlinear, as well as other Crane's writing papers, such as

Crane's Linen Lawn and Crane's Kid Finish

AT ALL STORES WHERE GOOD STATIONERY IS SOLD

EATON, CRANE & PIKE COMPANY, 225 Fifth Avenue, New York

EARLY AMERICAN GLASS

(Continued from page 78)

cleave to an astral lamp which has been sitting on an unused shelf for fifty years. "Might come in handy to us," they argue, "Pa reads quite a bit yet." Nothing will draw from them a dark blue plate. Great Aunt Elizabeth once sat in its rays and was cured of cancer, and who can tell but they will need its vitreous therapy again! They are a beautifully mad lot—as engaging as those charming people who lived with the white rabbit under the hedge.

Ellen Marcella Mallers is one of them. She sells glass when it pleases her fancy to do so. She has, in her day, been a messenger boy and has travelled with the circus as an acrobat, but just now she's planning to get to the city to do art photography. Mrs. Danforth also keeps a small stock, just enough to enable her to sell off gradually among her wares, her husband's inheritance without his knowing it. He, poor fellow, hasn't heard a spoken word for fifteen years. She has developed a system of quelling him with a hard, glittering smile, turning after this gesture to confide in the purchaser, "if this Old Fool would ever die I'd sell you things that ARE things." Mr. Farling, too, is a dealer in crystal but his heart is not in his work. His main interest lies in the cross-breeding of birds. Just to stand before a pen of his hybrid chicken-turkeys, the most Godforsaken looking creatures on the globe, and watch his eye light up with creative pride as he views them, is a pleasure indeed.

DECANTERED DRAMA

Where but among old glass could you find Mrs. Perth? She was once a carefree bride who loved her husband and her home. But an aunt died in Connecticut and willed her a Waterford decanter and two Bristol glass boxes. She set out to find a mate to the decanter and she was lost. Her home is now a sty. Three servants slosh about constantly polishing and arranging the shelves of compotes, flasks, salters and sugar shakers. You stumble from room to room over plates and creamers and sets of Bellflower tumblers. Her husband, a beaten man, lives in a tent in the side yard on weak tea and an occasional steak which he broils for himself on a gasoline stove. While she—she hasn't been seen for the last three months. She was home two days from a searching expedition into New England when she learned that a family in Alabama was disposing of some glass and she took the first train for Montgomery. It might be . . . You can never tell where that bottle may be found.

The piquant frail Carmen is also in glass. She sits of afternoons in her mother's dusty shop, stretching her limber body like a cat and welcoming the trade. "Ole glass," she ventures, when you admire a dolphin candlestick. "Ole book," she explains, when you thumb an album given in the

early forties, so the faded writing on the fly leaf tells "To Jenny, from One Who Loves Her." "Ole picture," she says, covet a daguerreotype of a cavalry captain, so young and beautiful that he stirs your pulse.

But give her the bit and she is garrulous. She will tell you which leave you hanging on counter with your mouth agape, ventures beginning often with the phrase "When his wife saw . . . Incidents relating to journeys and trips to the races, where wagers always go wrong. Liars and escapades which rouse you to terrors. She provides more vicarious than any glass dealer in America.

FENCES AND POLES

Amid her goblets and I sat the lost Madam. She dealt mainly in metals, acted as a fence for the local thieves. But her passion was high. She kept it in a cuboard lined with dark blue crepe and it was the only thing in the world that got her feet. She sat in her enormous chair on her folded feather bed. When her neighbors died, the police charged store across the alley and she gave birth to a child in the back. But let her begin on her glass, she sprang to her toes like a firecracker, twinkled up and down the room, saying this, condemning that, and entering at the top of her lunatic "them Poles."

"Them Poles" had a tiny bottle . . . just the size to slip into a lady's glove. It had beautiful ribbed sides and a long tail down and turned back so that it looked like a little sea horse. They had called it Madam Julius. Then they said that it was desirable. One ordered it to another until both families employed watchmen to guard it at night and Madam Julius went into a trembling spasm of fear when she thought of them. The cure was to think of them. They threatened her death if she ever stepped outside the front door. One night they pounced upon her boy coming home late and pounded the life out of him. It was more than she could bear.

She fled. Like that early morning mist, she faded. The policeman at the corner, "Didn't see her." The settlement worker who asked about her soul, "No report." The Seneca street postman, "No new address." Them Poles, gesticulation but no direction.

So when you search for glass, also keep an eye out for a glass lady, with a featherbed, at a desirable scent bottle, probably a berg.

It is a beautiful pastime, browsing about. An escape from the ragging of a dreary world. If you are hemmed in by relatives or politicians or friends in the cups, turn to searching for old glass.



parfums Caron

10 rue de la Paix Paris



N'AI MEZ QUE MOI
(Love Only Me)



LE NARCISSE NOIR
(Black Narcissus)

CARON CORP. 389 FIFTH AVE, NEW YORK



Dean's

HELPS YOU ENTERTAIN

Guests, even when they are unexpected, are received without misgivings if Dean's Cakes have been ordered. Many hostesses send a note to Dean's in the same mail with their invitations. And Dean's never fails to respond with perfect cakes, delivered anywhere when needed.

Send for our illustrated Week-End Box Booklet, describing the thirty-two different Assortments of cake, priced at \$3, \$4, \$5, and \$8. We prepay the Parcel Post anywhere East of the Mississippi.

28 FIFTH AVENUE · NEW YORK



"The Trousseau House of America"

Sports Apparel—

For smiling eyes
and sunny skies.

HAPPY—and oh! so admired—will be the woman whose Sports Apparel for the summer sojourn is selected at *Maison de Blanc*.

For here Sports Apparel is designed to be both smart and lovely—the former assuring *correctness*, the latter *charm*.

Let us send you our brochure on the *Brassière Girdle*. The ideal brassière for the perfect sport figure.

GRANDE MAISON DE BLANC^{Inc.}

Fifth Avenue, 44th and 45th Sts., New York

Magnolia

Palm Beach

Hampton Bays



KAPOCK

GUARANTEED

Silky Sunfast Fabrics

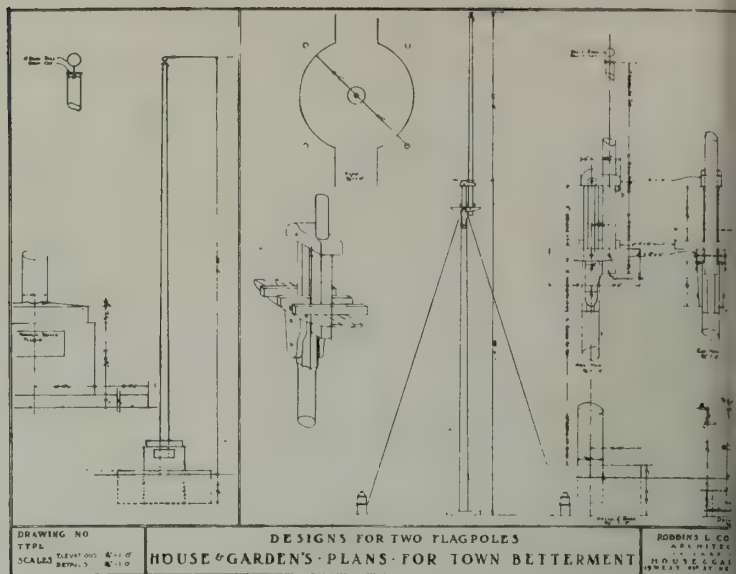
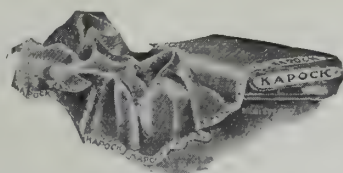
For your Draperies,
Furniture, Walls—
and wherever silky
fabrics are used.

DON'T think that all silky sunfast fabrics are KAPOCK! There are plenty of materials made to imitate it that look like KAPOCK in the store, but will not act like KAPOCK at home! For twelve years KAPOCK has been known as a real sunfast and tubfast fabric of great durability. That's why its first cost is a little more than the imitations and that is why it pays you to make sure that you *actually see the name KAPOCK on the selvage* before you buy.

Send 10c in cash for New Drapery
KAPOCK SKETCH BOOK
Beautifully illustrated in colors

A. THEO. ABBOTT & CO.
Dept. C. Philadelphia

Beware of imitations. KAPOCK has its name on the selvage



All the necessary working drawings for the two flagpoles are given on this plan which is a small reproduction of the one that may be had on application

BENCHES AND FLAGPOLES

(Continued from page 103)

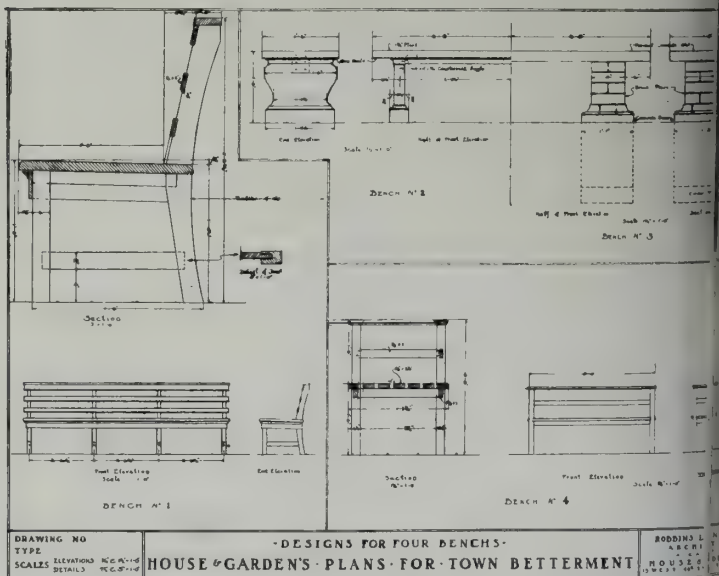
though they are more assertive and architecturally important. Their use and appearance suggest a more or less monumental device, and it is this quality that should be considered. While benches are incidental things in many instances, flag poles dominate at least their immediate situation.

Of the four benches here two are designed for permanent positions and two are movable. Type A is of the former sort, its supports being made of brick set on concrete bases and its seat being a heavy concrete slab. An unusual feature of its design is the bottom course of molded brick (a stock pattern), which gives it an air otherwise difficult to obtain. Type B is a bench for a somewhat formal situation. It can be made of cast concrete and, once the forms are made for the seat and supports, it can be

turned out in any quantity that may be required.

Type C is an especially comfortable and graceful bench. It is made of wood and can be as long or as wide as desired. It is formal enough to be used in a prominent position, yet informal enough to be set along a walking pathway. The smallest and simplest of the benches is Type D, which can be built very inexpensively for its sturdiness and good proportions give it real distinction in practicality and appearance.

The Type A flag pole is one which would be most appropriate in a waterside community, but its simplicity and straightforward design make it suitable for almost any situation which was not essentially formal. For such a place Type B may be used.



The four benches described on page 102 and 103 are provided on the plan above with all the necessary details and working drawings for their construction

Minton English Bone China



PRINCESS PATTERN
REG. U. S. PAT. OFF.

The World's Most Beautiful China



Like all other designs of Minton's, the Princess Pattern is distinguished by permanent colors and ornamentations which are rendered upon individual pieces by hand enameling.

In selected pieces or a complete service, there can be no more cherished possession for a bride than

this artistic design, which will harmonize with the decorations of any period.

Minton's, long renowned in English pottery, has graced the tables of the finest homes for many generations. From calcined ox-bone comes the delicate body and also the durability for which it is famous.

ASK YOUR DEALER TO SHOW YOU THE PRINCESS AND OTHER MINTON DESIGNS

MEAKIN & RIDGWAY, Inc., New York

Representing MINTON'S, LTD.



The stately beauty of the American Walnut tree rivaled only by the loveliness of its wood

Study in American Walnut—
Residence in Greenwich, Conn.
Eric Kebbon, Architect

The Renaissance of Good Taste in Furniture

is best expressed by the vogue of

AMERICAN WALNUT

There is no greater evidence of the cultural growth of our country than the new appreciation of what is in our furnishings.

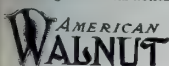
This renaissance of good taste and the preference for what we developed together. For the higher reason of what is really worthy has seen a steady content "turning to walnut," until today it is the outstanding preference for furniture, for its decorative, paneling and ornamentation.

A tribute to a wood which combines the highest attributes of durability, stability, strength and extraordinary beauty and charm.

Walnut is an "heirloom" wood, resisting the destructiveness of the ages, growing lovelier and more mellow in tone with the centuries.

It is not only the premier cabinet wood, but wherever it is used it gives true satisfaction.

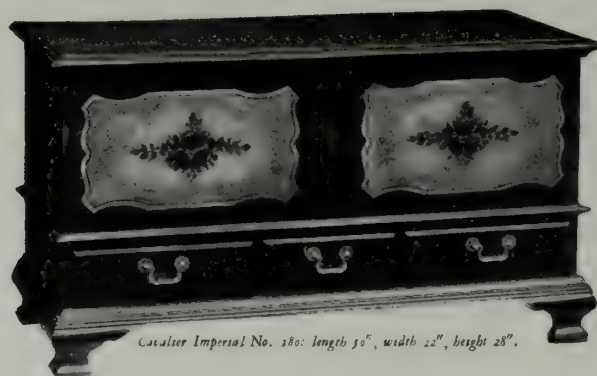
Our book, "The Story of American Walnut," is full of interesting and valuable information about this fine wood. Write for it.



AMERICAN WALNUT MANUFACTURERS' ASSOCIATION

Room 925, 616 South Michigan Avenue, Chicago, Illinois

"THIS IS THE WALNUT AGE"



Cavalier Imperial No. 180: length 50", width 22", height 28".

Beauty as well as Utility

TIME was when a cedar chest was just—a cedar chest, stored away in the attic or in the back hall. That time has now passed. With Cavalier Cedar Chests you can have every element of beauty added to the former utility.

The Cavalier Imperial Cedar Chest No. 180, illustrated above, is an ornament to any room. Inspired by the pure Early American, it has a rubbed Walnut exterior, decorated with antiqued gold panels, on which is painted a flower motif. Inside lined with genuine Tennessee red cedar; ample storage space; moth protection as sure as in an all-cedar chest.

Write us for the name of your nearest dealer and our booklet, "The Decorative Value of Cedar Chests."

Cavalier Cedar Chests



TENNESSEE FURNITURE CORPORATION, Dept. H, Chattanooga, Tenn.

Makers also of Cavalier Bedroom and Dining Room Suites



**HASTINGS
FURNITURE**

Writing becomes a pleasure

Charming in design and craftsmanship, and splendidly useful, this distinguished Hastings desk will fill an important place in your home. With appointments so perfect, writing becomes a pleasure and routine correspondence is quickly dispatched. Ownership of this fine desk will be a life-long satisfaction—yet, like all Hastings furniture, it is very moderate in price. Ask to see it at your dealer's.

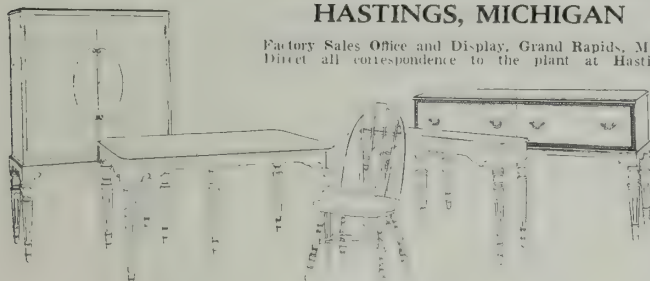


Pictured below is the Hastings early American suite selected by Good Housekeeping Magazine as the ideal furnishing for the small, modern dining room.

Write for the interesting brochure describing it.

HASTINGS TABLE COMPANY HASTINGS, MICHIGAN

Factory Sales Office and Display, Grand Rapids, Mich.
Direct all correspondence to the plant at Hastings



HASTINGS
Furniture

**The MARK of
FRED E. HILL
and his associates**



Symes & Olds

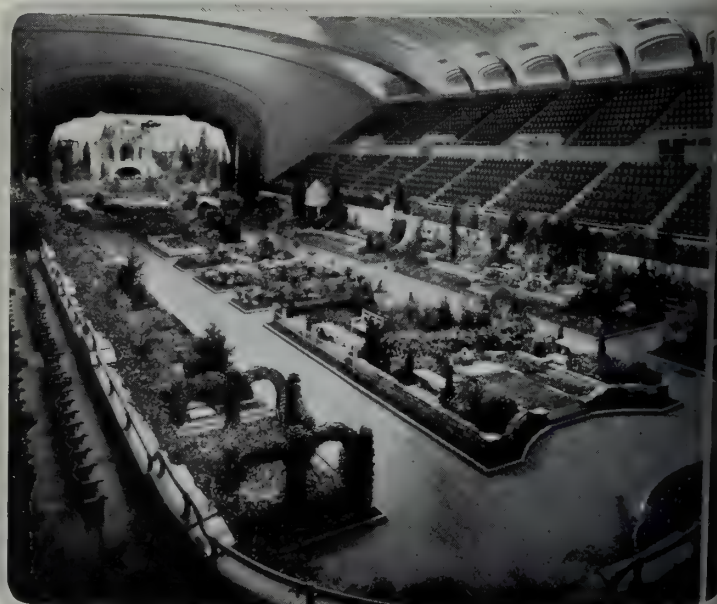
The exhibit of the Wayside Gardens, of Mentor, Ohio, was a long garden more ably planned and more effective than probably any exhibit ever shown in a flower show

THE CLEVELAND FLOWER SHOW

MARCH 28 TO APRIL 4



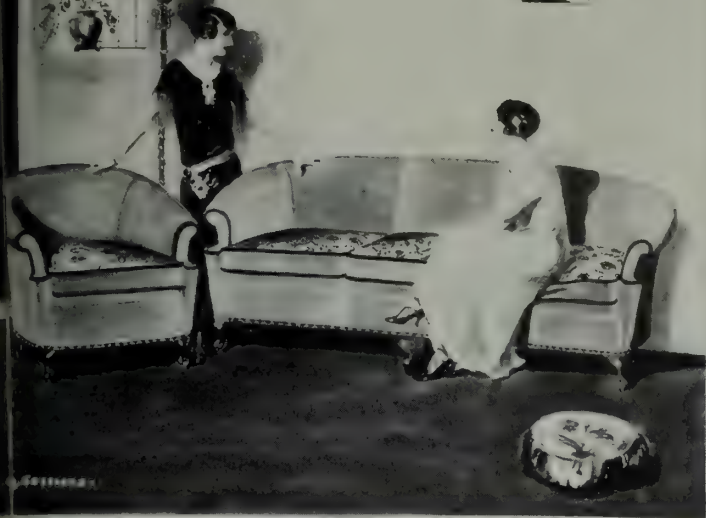
A most authentic Spanish garden in tile, stucco and sub-tropical plants, staged by Lillie M. Jacques, the exhibit of W. G. Mather



This general view of the main Auditorium floor shows how superbly the scheme of the Show has been considered and how each exhibit becomes an integral part of the whole

Northfield

LIVING ROOM FURNITURE



YOUR living room takes on a new and subtle charm with the addition of Northfield Living Room Furniture. Attractive, graceful lines and charming color effects in the latest covering materials are blended with perfect tailoring and assured quality. There are many overstuffed and period designs, as well as colorful pieces in fibre-reed, from which to make a selection.

If your guest accommodation is limited, you will be delighted to find that some Northfield davenport beds contain a perfectly concealed bed, with ample room and comfort for two. All Northfield pieces carry the trade-mark—your assurance of fine quality. Good furniture stores throughout America sell Northfield Living Room Furniture. Write for "The Blue Book of Living Rooms."

The Northfield Company • Makers of Good Furniture • Sheboygan, Wisconsin

Italian Renaissance Mantel fashioned of Crested Stone—a manufactured material which permits chiseled reproductions at very reasonable cost. Price \$295. Early Italian Andirons, \$325.



A large and unusual collection
GENUINE ANTIQUE and MODERN
MANTELS • ANDIRONS • VASES
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Georgian Period
Fire Set,
Price \$110.

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WALL PAPERS
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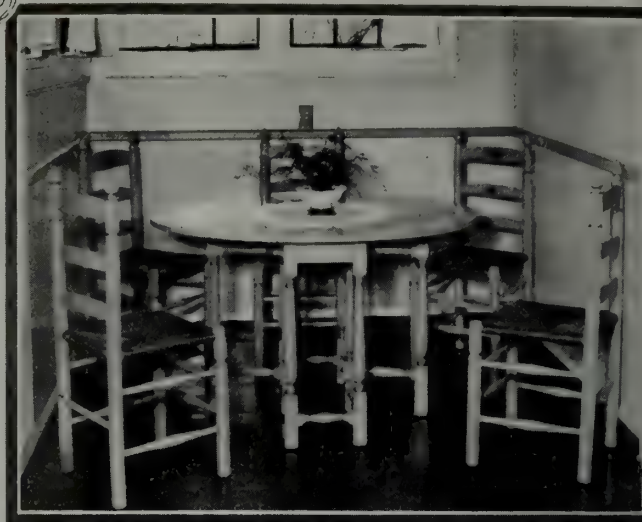
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£13:17:6. 4 feet wide, with foot, £19:0:0; without
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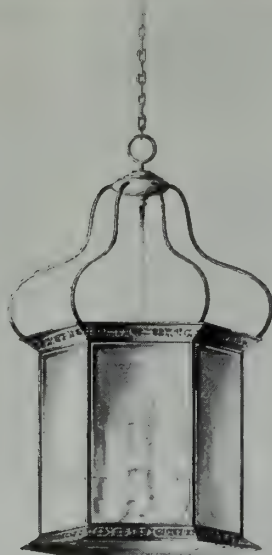


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For supreme satisfaction have your selections of
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Write for illustrations and complete informa-
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Excellent Gift Suggestions—for
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No. 400A—Delightfully light
weight, yet comfortably warm, s
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house use—filled w
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Gold, Ligh
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Green.

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SLYKER Radiator Furniture solves your problem of making bare radiators harmonize with room furnishings, for every radiator is enclosed in a beautifully designed cabinet, finished to match your furniture or woodwork. In addition it prevents soiling of fine hangings or walls. Patent humidifier of large capacity concealed under top keeps hot air normally

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Converts radiators into useful seats or consoles. Write us for name of nearest dealer where samples may be seen.

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with its incomparable tone, its magnificent construction insuring permanency of tonal qualities, represents the supreme culmination of over 70 years of scientific research and experience, and yet the price is moderate.

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MOST living rooms acquire a different atmosphere—a new beauty—with the addition of one or more carefully chosen occasional tables. They fit so well in vacant corners, beside lonesome chairs, or the davenport.

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**Kiel
TABLES**



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Make a point of inspecting the Ypsilanti line of reed and fibre furniture. Its preeminence in style, beauty and finish will delight you. Its practical uses for every room in the house will gratify you. Ypsilanti is the largest maker of furniture of this type in the world. Its superior facilities assure superior quality.

Ypsilanti furniture is sold by more than 4,000 reliable dealers. The names of those near you will be sent on request

Ypsilanti Reed Furniture Co.
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*Largest Makers of Reed and Fibre Furniture
Also Makers of Reed and Fibre Baby Carriages*



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Illustration directly above shows the design in actual size

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Since 1837
our china has enjoyed an enviable reputation. In purchasing be sure to notice carefully the Trade Marks.

Haviland
France

Unless these Trade Marks appear on each piece, you will not be getting the

Genuine
Haviland China
Manufactured at Limoges, France

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Limoges

Haviland China may be found in a profusion of beautiful patterns at all first class China or Department Stores. Write for name of nearest dealer if you have any difficulty locating one.



Haviland China Co., Inc.

11 East 36th Street, New York

SUMMER CARE OF HOUSE PLANTS

H. STUART ORTLOFF

AT THIS time of the year the disposition of house plants becomes a paramount question. Many of them, if given adequate and intelligent care, can be carried through the summer to be used indoors next winter. House plants may be roughly divided into four groups for the purpose of this article, the ornamentals or foliage plants; flowering plants of geranium, fuchsia, and cyclamen type, the flowering plants of the shrubby sorts, as bush roses, azaleas, or lilacs; and the annuals which may also include the bulbous plants of the narcissus and tulip type.

The annuals should usually be discarded. Most of their strength has been spent in forced bloom and they are rarely satisfactory for another season. Fortunately they are easily raised from seed and therefore it is possible to start cinerarias or Jerusalem cherries in mid-summer for fall and winter blooming plants. Others like the poinsettia and coleus may be slipped and potted for the same season of bloom. The bulbs need a period of rest during which they can redevelop blossom buds. The most satisfactory method for this is to plant them out of doors in the garden where they will bloom in a year or so, and replenish your stock of bulbs next fall for winter blooms.

The shrubby flowering plants are usually too ungainly to be used in pots a second season, this of course applies principally to roses and lilacs. The best thing for such plants is to plant them in the garden shrub border and allow them to acclimate themselves. The azaleas and genista type of shrubby plants should be lightly pruned into a compact shape and repotted. It is necessary to do this pruning in the spring in order that they may produce blossom buds during the summer.

REPOTTING

This reduces our house plants to the ornamentals and flowering plants. These should be repotted as soon after the first of May as is practical, and then given a good location for their summer growing period so that they may be healthy and robust in the fall. It might be mentioned here that unless one is partial to large spreading plants of geranium and begonia it is very easy to take slips from the parent plant and when potted they produce good blossoming plants.

A plant is most vigorous in the spring and will, therefore, withstand the shocking of having its roots tampered with much more readily than any other time. Furthermore the soil and drainage conditions in a pot which has been utilized all winter, are sure to be in bad condition. Plants which are repotted in the spring are in a far better condition for indoor culture than those repotted in the fall. The

principal reason being that they have not recently had a major operation to overcome.

The best soil for repotting should consist of one part loam (six or eight inches of soil upon which sod has been growing is best. Skim off the top but retain the root masses as they are beneficial) and one part leaf mold (the decayed leaves of trees usually covering the forest floor, or humus which can be obtained from a florist). This should be thoroughly screened to remove stones and coarse matter. A fifty fifty mixture is satisfactory for all plants except the ferns and azaleas, they need a large proportion of peat moss. The old fallacy concerning the fertility of black mucky soil should be disregarded, this is not as rich as it is reputed to be and is poor material for pot grown plants.

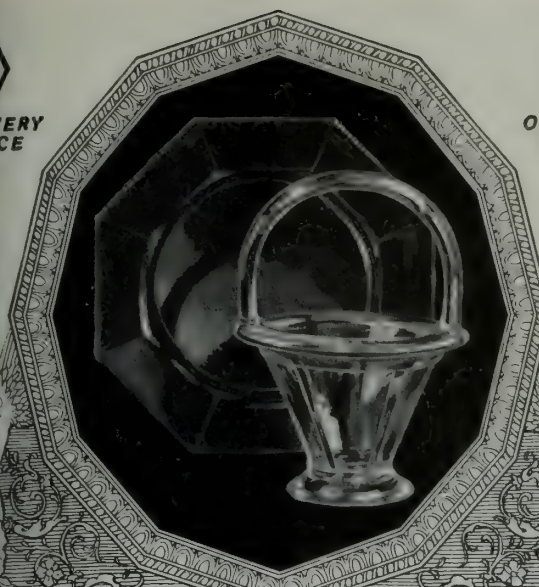
It is not necessary to give a new pot to every plant. Unless the root masses have increased to a point where they appear to be pot bound it is not to use the same pot for large plants only tend to increase the root growth at the expense of poorer and less abundant bloom.

CARE AND EXPOSURE


When the plant is lifted from its old pot as much of the soil as possible should be shaken off and the roots disentangled. Then it should be placed in a pot which is partially filled with new soil. A broken bit of crock should cover the hole in such a way as to provide for drainage. The soil should be spread out in the new pot and the rest of the soil put in place. This should be firmly packed and well watered to insure all the crevices being filled.

After repotting the plants must be given their summer quarters. These quarters may be classed as dense shade such as is given by maple trees; moderate shade which may be supplied by apple trees, and full sunlight. The shade cast by a house is not fit for any house plant. Ferns prefer the dense shade, but other ornamentals such as palms and most begonias prefer moderate shade, while the flowering plants desire full sunlight in order that they may produce blossom buds. Ferns after all are only so much materialized sunlight. The first two classes of plants prefer to be in a wind sheltered spot where their leaves will not be wind-whipped. It is best to sink the pots into the ground for they are not so easily tipped over, and they are able to retain their moisture longer. If this is done a piece of broken crock should be placed in the bottom of the hole to help the drainage and to keep out worms. Potted house plants should be well watered during the summer. Rain storms do not supply enough water.





ON EVERY
PIECE



ON EVERY
PIECE

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Cabot's Insulating "Quilt"




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This House Cost 55% More to Heat than This House was Lined with building paper.

This House Cost to Heat, October to May inclusive	\$138.10
Average cost per month	17.26

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This House was Insulated with Cabot's Quilt.

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(Official figures of Portland Gas & Coke Co.)

The Heating Equipment was exactly the Same in Both Houses

Dr. Hartog house should cost less to heat because its roof area is so much smaller. And many other similar actual cases prove that Cabot's Quilt pays for itself over and over again in saving fuel, and it makes your house always comfortable—warmer in winter, cooler in Summer—as long as it stands.

You can't afford not to know about Cabot's Quilt. Send for sample and full information. Free.

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A Protection

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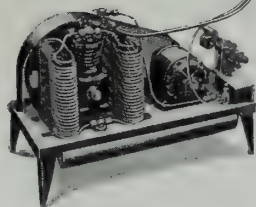
Entirely independent of an outside ice supply

How Your Ice Box Is Quickly Converted Into a Frigidaire

- 1 The frost coil is placed in the ice compartment of your refrigerator as shown above.
- 2 The compressor (shown below) is placed in the basement or other convenient location.
- 3 The frost coil and the compressor are connected by two small copper tubes, and a connection made to your electric wires.

That's all. Your refrigerator becomes cold and stays cold.

You have Frigidaire electric refrigeration.



HOME from the theater—or home from a week's trip—you will find the food in your Frigidaire as fresh and good as when you left it.

And that's just one of the advantages of Frigidaire electric refrigeration. It takes care of itself. Clean, sanitary, efficient, never needing replenishment, it makes the home owner independent of outside service.

The constant dry cold of Frigidaire actually improves foods of all kinds. It improves the flavor of meats, makes lettuce delightfully crisp, keeps fruits firm and juicy, makes salads delicious. With Frigidaire, too, you can have an ample supply of ice cubes, and can freeze your own desserts.

Yet, with all these advantages Frigidaire often costs less to operate than its user formerly paid for ice. And its first cost is reasonable, too.

It is made in thirty-two models, twelve complete with cabinet and twenty designed for use in converting present refrigerators into Frigidaire.

Frigidaire is a product of the General Motors Corporation, backed by a nationwide organization of trained sales and service representatives. It assures continuous and dependable satisfaction.

The local Frigidaire Representative will gladly show you Frigidaire in actual operation. Or a post card will bring full information.

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Frigidaire
complete with cabinet
\$245 up

For converting present
refrigerators into
Frigidaire
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DELCO-LIGHT COMPANY
Subsidiary of General Motors Corporation
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Makers of Delco-Light Farm Electric Plants, Electric Pumps,
Electric Washing Machines and Frigidaire Electric Refrigeration

PRODUCT OF GENERAL MOTORS
Frigidaire
ELECTRIC REFRIGERATION



When the walls are done in a gay flowered or figured paper, it is advisable to use plain hangings and bedspreads with simple furniture painted to harmonize with the background

COUNTRY HOUSE BEDROOM

(Continued from page 69)

valance, bound, as were the curtains and bedspread, in a white cotton tape. The edge of the curtains was softened by having the ruffle quite full. In the big pewter bowl by the bed were always a bunch of yellow flowers—Primroses, Daffodils, yellow Iris, annual Phlox and Verbena. Always something yellow is in the garden and always something yellow is in the bowl. The same idea could be carried out using a horizon blue percale or a rose chambray, or vivid leaf green glazed chintz, a slightly glazed one as the ruffle of the curtains should hang down, not out.

Another bit of color to play up to is the blue found in English chintz papers. In a room where the walls are a little uneven, or the occupant is of an age when initials, or dogs or cats, or spiteful little verses to spiteful little sisters is a real outlet to his feelings, then chintz papers are splendid. For odd little guest rooms, where we want

to get away from the plain walls of the other rooms, these chintz papers are unsurpassed. There is often a test that you can't use another paper in the room that has this paper. Perhaps you cannot use a figured paper at windows, but most certainly you can use it on the furniture. The pattern, however, must be bold, either a bouquet or a bold stripe or a bold color, but not a small "all-over" of the character of the chintz design of the wall.

We start with the blue four-color wall paper and use stiff chintz papers of a deeper blue. Turn in a valance on this, where it is stitched with a pinked edged ruche of white. Match the valance to match, box pleat the heading. A dressing table is draped in the same way with blue. In these chintz papers is generally found a clear red. To match is, of course, a desk painted lacquer color of the stand. Choose the beds and curtains.

(Continued on page 157)



Fine old paneling painted a neutral color makes a dignified background for the sturdy furniture and colorful chintz hangings in the bedroom above. Mrs. Bullitt was the decorator



Decorated for the Arts in Trade Exhibit held at the Waldorf-Astoria, New York City

Artistic effects

ever before possible at so little cost!

—with KLEARFLAX linen rugs and carpets

is not what you spend but what you choose that makes your home "st," say successful decorators. For instance, you can now have most artistic floor effects without extravagant cost with rugs and carpets woven of pure linen—Klearflax!

Because Klearflax is all linen, it colors beautifully. Beautiful ones in all shades; interesting color mixtures and patterns; attractive small all-overs and stripes; smart bordered effects.

One of the most interesting features about Klearflax is its texture. It blends perfectly with the choice modern home decoration for a gloss in hangings, upholstery and interior textiles. You can always tell Klearflax by this look and its virgin flax roughness.

Wear? Klearflax has linen's durability and because it is reversible, gives even more prolonged life. It is moth-proof and practically burn-proof, too.

Another thing you will appreciate. Klearflax means a cleaner covering. Dirt does not be-

come embedded in its thick, compact body but stays on the surface. With suction sweeping and occasional brushing to remove this, you have a rug always fresh and clean all through!

Send for booklet of information

We have an interesting booklet of information about Klearflax, showing all the different colors and designs in color. We will gladly send it to you free and tell you where you can see Klearflax. Just fill out coupon below. The Klearflax Linen Looms, Inc., Duluth, Minnesota; New York, Textile Building, 295 Fifth Avenue.

Note these very moderate prices

Think of it—Klearflax seamless rugs in all the lovely linen colorings and patterns at these prices!

9 x 12.....	\$49.00
8 x 10.....	38.00
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4' 6" x 7' 6".....	16.50
3' x 6'.....	9.00
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Seamless carpeting in any of above widths and any length, \$4.10 per square yard.

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Which Woodwork?

ASK THE PAINTER; HE KNOWS!

THE expert wood finisher is a qualified judge of good woodwork. He values it as to how it will reflect in his own reputation as a craftsman. For his best work (and the satisfaction of the critical home builder) he knows the imperative necessity of freedom from rosin, of even absorbing qualities vital to uniform color—that there must be no raised grain nor later discoloration of the delicate tones of white or tint enamels. Too, he wants fine texture, close grain and tough resilient fiber which supply "life" to the lustrous, waxed, rubbed surface in which he takes pride.

Arkansas Soft Pine

Satin-like Interior Trim

Is preferred by the expert finisher because it invariably embodies these essentials. They are ingrown in the wood itself. They are the home builder's assurance of beauty, harmonious color and long life.

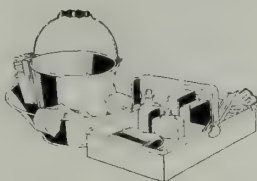
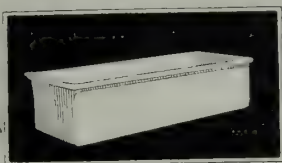
Arkansas Soft Pine is easy to get. Your local lumber dealer or planing mill has it (if you live east of the Rockies), and it is produced in abundance. It costs less than rarer woods of no greater merit. Our helpful book on correct woodwork finishing is yours for the asking, and with it you'll undoubtedly want our fascinating book of attractive home designs, sent for 50 cents cash or postage. *Arkansas Soft Pine* answers the woodwork and building material question with complete satisfaction and ultimate contentment. Get the facts now, while the idea is warm. Just write—

ARKANSAS SOFT PINE BUREAU
574 Boyle Building Little Rock, Arkansas

For the early days of Spring

TO everything and everybody in the world, Spring means new life and energy. To the homekeeper it means a brightening up of everything within and without. It means a home freshened with cleaning and with flowers.

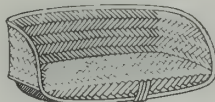
These early days of Spring are the days to devote to equipment. It is now that you should get the newest and best in housecleaning and gardening things. And when you want the best of these, come—of course—to Lewis & Conger.



Housecleaning twins. Pail holds soap, brush and cloths. Prevents water spilling. Tray keeps cleaning things orderly. Pail only, in red, yellow, pink, blue or white finish, \$5.75. Tray only, in red, blue or oak-brown, \$3.25.



The Savo Flower Box needs watering only once a week, for the water reservoir at the bottom allows the plant roots to draw up moisture naturally as they need it. Non-rusting metal, green-enamelled. 9 1/2" wide, 23" long, \$3.00; 29" long, \$4.00; 35" long, \$4.50; 41" long, \$5.00. All 8" high.



When you plant and transplant, kneel comfortably on this garden kneeling mat which protects your knees and clothing against dampness and dirt. Woven rush with waterproof bottom. \$1.50.



No-Moth is a small bottle of liquid magic which hangs on the baseboard of your closet. Its fragrant aroma of cedar is unbearable to moths and keeps them out. Complete with nicked holder, \$2.00. Refill bottle, \$1.50.

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"A HOUSEFUL OF HOUSEWARES"

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Send me, collect: () Savo Flower Box . . . inches long; () Garden kneeling mat; () Housecleaning pail, . . . finish; () Housecleaning tray, . . . finish; () No-Moth with holder; () No-Moth refill bottle; () Free booklets of housecleaning and gardening equipment.

Name

Address



In a bedroom in the New York home of Mrs. Harry Horton a painted daybed is covered with a decorative linen and piled with vari-colored cushions. Agnes Foster Wright, decorator

COUNTRY HOUSE BEDROOM

(Continued from page 156)

from one of the many charming maple sets which, since the opening of the new American wing of the Metropolitan, have come to be immensely popular. Paint the window casings yellow and keep the lamps and shades in yellow. It is a room of primary colors nicely distributed. And then just to show it can be done, put a pair of small barrel chairs in a bold cretonne design of yellow, red and blue.

SETTINGS FOR MAPLE

Early American maple furniture is popular, but it is difficult to handle if one wants to make a rich warm room with elegance and luxuriousness. If several very fine old pieces have been collected, and are to be used in a bedroom and the background is to be suitable, rich fine fabrics should be selected. As a background for two fine beds, "museum pieces", of maple, a cream paper of formal design was selected, and a deeper toned rich carpet. Everything accented the warm, rich tones of the maple beds and the highboy. At the windows, where shades were not wanted, draw curtains of heavy tawny colored strié taffeta, self-trimmed, were used, and over these to the floor, a very beautiful chintz with large soft garden flowers, growing in fine sweeps. These framed the windows and were used as a valance on the beds, the spreads being made of the yellow taffeta. In the bay window stood a kidney-shaped dressing table, draped in soft old-fashioned cherry red and trimmed at the bottom with green petals, the colors and trimming taken from an old 1830 dress. A softer shade of rose was on the chaise longue. An old Canterbury music rack, now so popular as magazine holders, stood beside this chaise longue. Put casters on these and they can be rolled around the room and hold all the latest magazines in place of the old music sheets. Two little old chintz "tuffits" sat at the bottom of each bed, and by the fireplace were a pair of severe-looking but comfortable sitting seats. An old maple

work table and a desk with a barrel chair finished the lovely room.

By the way, why do we pick out stiff uncomfortable chairs for sale? I often believe people would welcome the public with more humor and quancy and to their friends with kindness and sparkle if the desks were cushiony and comforting. A desk chair should have springs, ha and down and be ample, ample enough for a little squirming around where the right word won't come, or the squirm when we've found it only on paper.

An interesting Colonial guesstimate with mahogany, could have been paper in brown on a white background. The paper could be put on a paneled or cream marbleized into wainscot. The baseboard could do in a rusty black, with the molding painted in cream, rust black and the brown of the paper. The furniture could be the usual mahogany set, which always seems on the lips of every household. The white curtains long and largely looped back, made of a rich cream taffeta, trimmed with an important tulle fringe of brown, soft and rich. Add the collection of stereotyped mahogany two nice inlaid commodes of fruit wood, and use, for what up stairs is needed, a brown taffeta hand towel in small squares. Thus the room will be in creams and browns, and the interest will be sufficient in the green paper to carry it, along with the richness in those beautifully draped curtains. After all, you can't have a room with interests in one room. The furniture must be very well polished here, for a hard brittle room that should shine.

A GREEN SCHEME

A simple bedroom might have a green trellised paper. Some charming patterns come with an arbor design in green or in blue or in rose. If we select the green one, paint the woodwork the lightest tone of green, color

(Continued on page 16)



* Its gleaming snowy surface constantly signals "Winter Inside"

HERE is the refrigerator which belongs in homes where appointments are of the finest—where none of the commonplace is tolerated. The outer casing is dazzling white porcelain, beautifully trimmed with nickel-plated hardware. The provision compartment is one-piece porcelain.

Summer heat and the winter temperature of the Gibson never associate. For the Gibson is built to exclude warm air. Jealously does it guard its frigid atmosphere. How important this protection is when the hot, wilting days of summer come.

The walls of the Gibson are a twelve-fold defense of perfect insulation. The doors are locked automatically when closed. The patented, non-clogging, cast aluminum trap stops heat from coming up through the drain. These features save ice.

The Gibson is always easy to clean. The corners are rounded. Not a seam or crack anywhere. The shelves are of non-rustable metal. Sanitary!

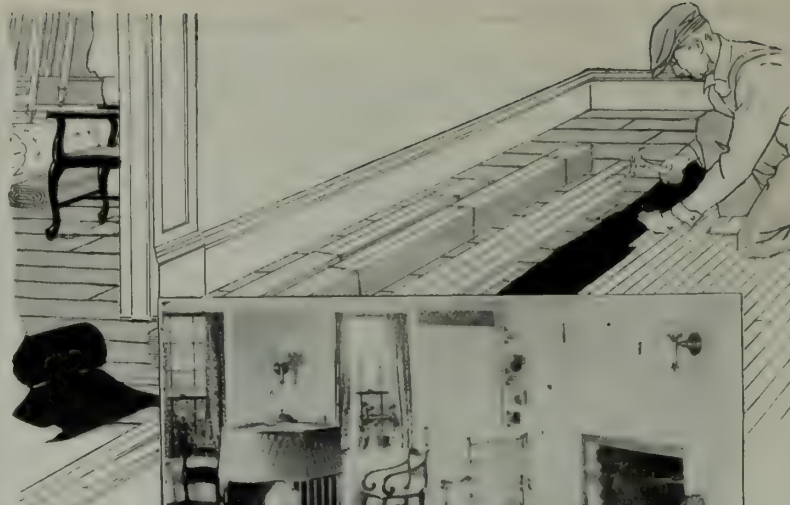
Ask the Gibson dealer in your city to show you this beautiful porcelain refrigerator. To see it is to know that at last you have found the right refrigerator for your kitchen. Remember, the Gibson is suitable for mechanical refrigeration.

GIBSON REFRIGERATOR CO., Greenville, Mich.
Distributors in all principal cities

* Gibson

REFRIGERATOR

Gibson cork-board insulated refrigerators are being extensively used with electrical refrigeration units



Easily Laid

The work may be done one room at a time if desired, disturbing no woodwork, except the moulding at the baseboard.

CONSULT
AN
ARCHITECT
BEFORE
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Modernize your Home

Lay OAK FLOORING over the ordinary floors, at little expense

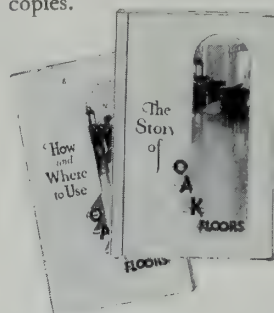
Centuries of growth have produced a toughness of fibre in oak that defies wear. Oak Flooring, Nature's own product, is not an artificial or temporary floor covering. It is permanent, and becomes more mellow, beautiful, and valuable with age. The characteristic grain and figure cannot be successfully imitated.

Easily kept in perfect condition

No dirt can accumulate on the continuous polished surface. Housework is minimized, as a very little attention keeps an oak floor sanitary, and in spic and span condition.

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The new modern finishes which harmonize with room decorations, are illustrated in full colors in our new booklets. Mail this coupon for your free copies.



Put your flooring problems up to our experts. We will gladly serve you.

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NATURE'S GIFT OF EVERLASTING BEAUTY

'The Story of Oak Floors' 24 pages of valuable information for those about to build, or remodel, suggesting different grades for different rooms, various finishes, illustrated in color. With this "de luxe" book you will receive "How and Where to Use Oak Floors," a booklet of practical information on the proper care of oak floors.

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Please send me "THE STORY OF OAK FLOORS," and "How and Where to Use Oak Floors."

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THERE are a number of practical methods of screening metal Casement windows, of which the side-hinged screen is one of the most satisfactory. This is readily opened and closed and does not interfere with the window hangings. Details showing all necessary preparations for screens and draperies are furnished as part of our service.



International Steel Casements are so designed that both sides of the window may be cleaned from within the room.

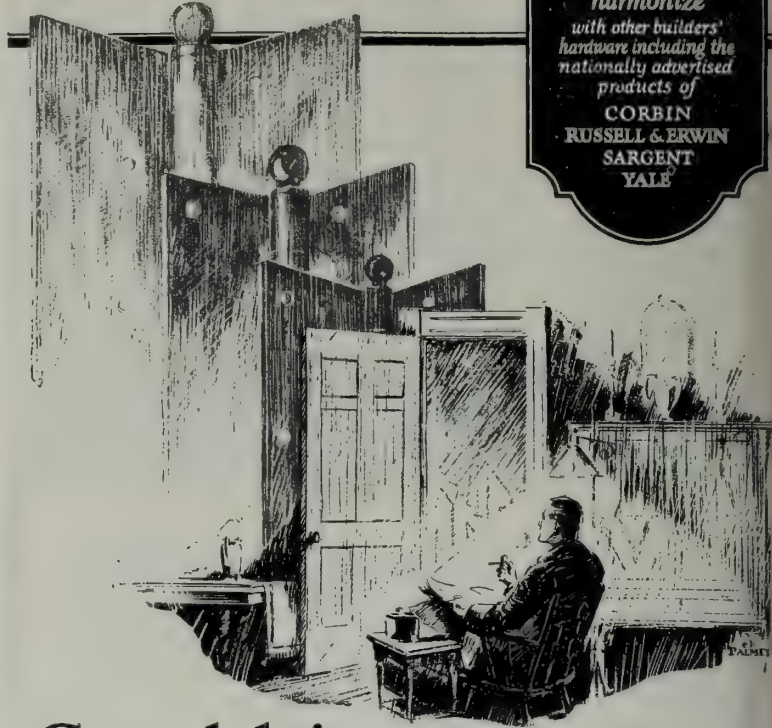
We shall be pleased to send you upon request a copy of our illustrated booklet "*International Casements For Homes of Distinction And Charm*", which gives many interesting suggestions regarding the interior and exterior treatment of windows.

INTERNATIONAL CASEMENT CO. INC.

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McKinney Hinges
harmonize
with other builders'
hardware including the
nationally advertised
products of
CORBIN
RUSSELL & ERWIN
SARGENT
YALE



Good hinges grow on you

A poor hinge is like a cinder in the eye. Small in dimensions. Great in irritation. Perhaps an occasional cinder cannot be avoided, but there is no need of jading your nerves with poor hardware. The name McKinney on hinges will safeguard you.

When you build or repair, much comfort and economy depend upon your visit to the hardware merchant. Make the trip early. Avoid last-minute disappointments. Hardware is a lasting item.

When you visit your builders' hardware man you will find it customary to decide first upon your locks. This done—give careful attention to hinges.

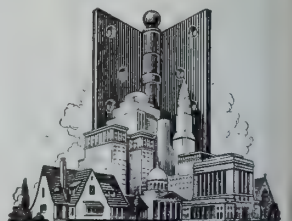
Of first importance is to see that your hinges are McKinney's. And you will not fail to do this if you recall how hinges grow on you.

You can obtain McKinney Hinge quality in sundry hardware articles, including complete hardware for garage doors.

A Gift for Those About to Build

McKinney Forethought Plans consist of little cutouts of your furniture made in proportion to your plans. With them you can arrange and rearrange your furniture right on the blue prints until you are certain the wall space, fixtures, doors and base plugs are as you want them. To aid in your home building McKinney will gladly send a set of these plans. Just write.

McKINNEY MANUFACTURING CO.
PITTSBURGH, PA.



*Residence of Frederick A. Shick,
West Bethlehem, Pennsylvania,
C. E. Shermerhorn, Philadelphia,
Pennsylvania, Architect. Roofed
with IMPERIAL Closed Shingle
Tiles in Dull Green.*



The Best — Yet the Most Economical

ALTHOUGH IMPERIAL Roofing Tiles are the aristocrats of roofing materials, their eventual economy removes them from the class of building luxuries. Money put into a roof of these tiles is merely invested—not spent.

The use of IMPERIAL Roofing Tiles assures life-long beauty and protection without a penny of upkeep expense. When in the end it costs much less to have the best, why not give your home that air of distinction which tiles alone can impart.

Numerous beautiful color plates of distinctive tile-roofed residences are contained in this elaborate brochure, "The Roof." It may give you many helpful ideas for that home you plan to build. Sent for 25c in coin or stamps to cover postage and handling. Address Ludowici Celadon Co., Room 1121, 104 South Michigan Avenue, Chicago.

IMPERIAL Roofing Tiles

LUDOWICI-CELADON COMPANY

104 South Michigan Avenue · Chicago
565 Fifth Avenue · New York





Look for this
trademark on the
back of the goods

Styles for every room in the house

Plain and Pastel Flat Finish

tints that can be hung as they come, or stenciled, frescoed, or Tiffany blended.

Decorative Flat Finish

conventional and foliage patterns, neutral toned designs of vague formations, stripes, mottled effects, and reproductions of tapestry, grass-cloth, leather and various fabrics.

Brocade and Metallic Finishes

in embossed effects for paneled treatments and trimmings.

Enamel Finish

plain colors, tile effects and decorative patterns, for kitchens, bathrooms, etc.



SANITAS MODERN WALL COVERING

Like a great hand raised up against wall cracks

IMAGINE some great, invisible, tireless, restraining hand constantly holding your plaster walls in place—a hand made up all of fingers, nearly three thousand of them crisscrossing in each square yard, gripping, tugging, pulling back when cracks begin, keeping many from even starting. That's just how SANITAS Modern Wall Covering helps to keep your walls firm. Incidentally, SANITAS is an additional insulator. It is a paying investment, not an expense.

SANITAS is a modern material, a distinctive decoration, made on cloth, with a ready-painted surface that does not let the weave show through. SANITAS does not crack,

tear, peel, blister, or fade. It can be hung on new walls as soon as the plaster is dry on old walls when the cracks have been filled, and over modern plaster-board.

The special oil-color surface can be wiped clean and fresh with a damp cloth. All that the damp cloth *does* wipe off is the dirt. The bright, durable colors are there to stay. You can have beautiful SANITAS styles for every room in the house, not just the bathroom and kitchen. It is the ideal wall covering to use where there are children in the home. Whatever style you use, it is the same as all the others in quality, construction and guarantee—only the finish is different.

Ask your decorator to show you these new Sanitas styles.

Write to us for samples and descriptive booklet.

THE STANDARD TEXTILE PRODUCTS CO.,
320 Broadway, Dept. 21, New York

When you visit Atlantic City, see the Sanitas Exhibit at 1410 Boardwalk, Central Pier.

A Beautiful Woman deserves a Beautiful Home~

A lovely woman, like a precious gem, looks best when in the proper setting. A cheerful, attractive, well-painted home is to a beautiful woman what a Tiffany setting is to the finest diamond.



Paint NOW—
Pay in Ten Months!

Consult the Devoe Authorized Agent in your community about the Devoe Home Improvement Plan which will enable you to paint your house—inside and out—and pay for it in ten monthly installments. This Financing Plan is 5% less expense to the property owner than any similar plan in the paint industry. Or, write us.

KEEP your home bright, cheerful and inspiring with Devoe Paint and Varnish Products—the oldest, most complete and highest quality line in America.

Look for the sign of the Devoe Authorized Agent in your community! He will give you advice on paint or painting worthy of Devoe's 171 years' experience.

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Paints, Varnishes, Stains, Enamels, Brushes
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LINCOLN



Among the many striking bodies, representing the latest thought of the leading designers for the Lincoln, is this smart two-window Berline by Judkins.

LINCOLN MOTOR COMPANY
Division of
Ford Motor Company

"And hie him home, at evening's close,
To sweet repast and calm repose."

—Thomas Gray.

Tide Water
Cypress
"The Wood Eternal"



SECURE IN COMFORT
because

"He who looks before he leaps
Builds of Cypress and builds for keeps."

"Cypress for every outdoor use
Scorns Weather's wear and Time's abuse."

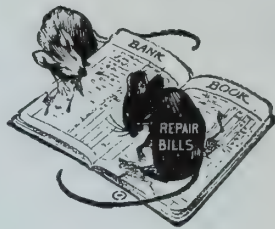
"It DOESN'T ROT, nor twist, nor swell;
It lasts, and LASTS, and LASTS—so well."

FULL
PLANS
FREE

CUT THE BUDGET

for the up-keep of your new Cypress Colonial Home by being sure that the Cypress you use is *true "Tide-water,"* from swamps not over 200 miles from the sea.

You know "it's repair bills that eat the holes in the bank account."



Avert them by insisting on trade-marked Cypress, the "Wood Eternal," & no substitutes. You should have a copy of *Vol. 44*. "It's a classic in its field." Complete Working Plans Free.

192 pages. 96 pictures. Double Plan Sheet Supplement. Full Specifications for Entire House and Equipment. Also 3-sheet Special Colonial Art Supplement by a famous artist. Entire book exclusively designed. No "stock plans." Write.

SOUTHERN CYPRESS MANUFACTURERS' ASSOCIATION



1210 POYDRAS BUILDING, NEW ORLEANS, LA.
1210 GRAHAM BUILDING, JACKSONVILLE, FLA.



Insist on Trade-marked "TIDEWATER" CYPRESS. Accept no other.



Lifetime Saving of Fuel and Protection from Dust, Draughts and Rain

Now the Convenient Time to Install

Chamberlin Metal Weather Strips are guaranteed for the life of the building. All year round, they are saving and paying for themselves—in fuel, labor and protection against dust, dirt and draughts. They are a lifetime investment, paying their cost over and over again.

Prevent Damage from Heavy Rains

They keep out dirt, dust, soot, and rain. They protect health. Save household labor. Keep homes clean. Protect furnishings and keep wall-paper and decorations fresh and new.

Windows operate more easily, too. They cannot rattle or stick with Chamberlin Strips.

And in heating months, homes are kept warm on from 25% to 40% less fuel.

All Done By Our Own Experts

Chamberlin's own experts fit and install all Chamberlin Metal Weather Strips. It is specialized work requiring special tools and equipment. You cannot expect just any "good mechanic" to make satisfactory weather strip installation.

It is the reason Chamberlin maintains a nation-wide organization of experts in this specialized work. It is also the reason Chamberlin guarantees all installations for the life of the building.

CHAMBERLIN

Metal Weather Strips and Door Bottoms

Send the Coupon

Chamberlin Metal Weather Strip Co.
1644 W. Lafayette Blvd., Detroit, Mich.

I would like an estimate covering the cost of installing (check which)

Chamberlin Inside Door Bottoms—

Chamberlin Metal Weather Strips—in my home
—Office Bldg.—Church—Number of Windows
—Number of Doors—

Name _____

Address _____

City and State _____
Eng. Dept. F-30

Chamberlin Door Bottoms enable you to admit fresh air to bedrooms or any part of the house while closing all other parts against draughts. They prevent escape of cold air, dust and dirt from basements. Keep out laundry and kitchen steam and odors. Operate automatically when fitted to either outside or inside doors. Do not interfere with rugs. They are inexpensive, installed separately or in conjunction with Chamberlin Metal Weather Strips.

Chamberlin Metal Weather
Strip Company
Detroit, Michigan

COUNTRY HOUSE BEDROOMS

(Continued from page 158)

and use a cool gray carpet. Use small figured green chintz at the windows and trim them with narrow ruching of the gray. Cover the furniture with a green lattice linen, and paint the furniture, which might include a little low pair of beds and a low bureau, a good bright green. For the beds use gray sateen spreads with a bolster case of the green. If one does not want an all-green room, try over-curtains of the lattice linen made to the floor and watermelon pink draw curtains beneath, using the plain green, corded with the pink, on the furniture.

A high room with small figured blue-green paper and bottle green carpet has an orange figured sateen curtain and bed drapery and the furniture is black with a green stripe.

I've planned several green rooms because it is a good country color and a good guest room color.

two high windows are a single bookshelf in maple and on either side of the beds are whale oil lamps in amber glass. The painted floor is gray with a gray rug and the baseboard is spattered in orange, yellow and black or gray.

A Chinese patterned paper with bright yellow background is harmonious with green sunfast organdie curtains with three ruffles of yellow, green and rose organdie, sheer enough to blend together. The dressing table matches. In front of the tiny soapstone fireplace is a little *dormeur* painted green and yellow and upholstered in rose. Slender lacquer black beds and a wicker chair with a Chinese design in the back recall one of the designs of the paper. The floor is painted green but in front of each bed is a small real Chinese rug, and in front of the fireplace is a black wool one.

BLUES AND MAUVES

FOR THE GIRL'S ROOM

A delicate, refined and graceful bedroom has pale blue tinted walls, with white woodwork, the window cases being painted mauve. At the windows hangs a soft percale of light lavender strewn with white stars. The edge of the curtains has two rows of light blue trimming, curving around the bottom, and the curtains are looped back. The same materials are used on the spreads for the beds, which are simple little four posters painted blue. It is used on a small comfortable rocker covered to the floor, and in the corner is a built in dressing table draped in the mauve stars. That is practically all the furniture. A cheap little white glass lamp has a shade with a flower print of Delphinium tints—white and blue—the two colors used in the room.

Another bedroom has a white wall paper with a nasturtium design, and the orange chambray curtains are bound with yellow, the same color as is used to paint the beds. Under the

For the girl who is just beginning to choose and discard, that interesting age trying to the parents, but of more interest to the young person herself, a soft pinkish paper with a design of grays, small birds on swinging limbs gives a good opportunity for combinations—rose with blue edgings or gray with green edgings. And white and gray furniture with a real daybed on which to fling oneself down. This is rose rep, slip covered. Or the color combination could be pink and gray and plum, using the bird paper on the pink ground. A gray rug, plum curtains and plum daybed cover.

Bird papers are often lovely, but to sure the bird sits. Nothing is more tiring than a butterfly paper—restless things. (On every French print it always foolish husbands who are on butterfly chasing!) Also avoid paper with flowers that grow in pots. They never grow, and in a country garden that spells tragedy!

HEDGES IN MANY MANNERS

(Continued from page 92)

annuals. The hedge, however, still performs its all important function of enclosing, sheltering, and so unifying the whole.

In America our earliest use of hedges was not for accenting of line in our gardens, nor for enclosure, but as edging for the now famous box parterres of the southern gardens. This idea came originally from England where it was in vogue as a detail in the general garden scheme, but upon being transplanted to this country it developed into a thing in itself giving us such charming examples as the parterre at Hampton, Maryland, which is rectilinear in design, and the charmingly irregular box gardens at Mt. Vernon where the beds are in the form of hearts, spades, clubs, and other quaint figures.

In the American gardening of today we may draw from all three sources in our use of hedges. This is particularly true on the suburban place, where space has to be economized and where the hedge of moderate size will serve the purpose served by the shrub border or forest screen

on a larger property.

Instead of enclosing merely the garden in a hedge we frequently wish to enclose the whole property, giving it privacy, definiteness, and bringing together into a single entity or unity. Right here arises a very absorbing question. Shall we or shall we not include the front lawn or forecourt area in this enclosure? The answer to it reminds one of the old lady who kissed her cow—"It is all a matter of taste,"—said she. Our opinion is that on the small place, where the living rooms must face the street, that a low hedge or shrub border is desirable but that if the living rooms look into the side or rear yards we should leave the fore-ground open, (and get our neighbors to do likewise) thus transforming the street into a wide, verdant foreground. If you have ever noticed such a street, with perfect, unobstructed lawns, and big old trees you will know how much more alluring it is than one where each property is enclosed by a hedge of varying height and condition of trimmedness, and where

(Continued on page 164)



Pyorrhea is a disease of the gums—not the teeth

That's one outstanding fact everybody should know. And if everybody did know it, the number of Pyorrhea victims would soon be greatly reduced.

You may take splendid care of your teeth—brush them several times a day—and still get Pyorrhea. Once Pyorrhea secures a firm hold, pus pockets form, gums become weak and flabby, the teeth loosen and fall out no matter how white and sound they may be.

Forhan's means healthy gums

It contains the right proportion of Forhan's Astringent, as used by the dental profession in the treatment of Pyorrhea. Forhan's protects and preserves the gums, keeping them in a firm, pink, healthy condition; cleans and whitens the teeth, and keeps the mouth sweet, fresh and wholesome. If you don't care to discontinue the tooth paste you are now using, at least brush your teeth and gums once a day with Forhan's.

Forhan's is more than a tooth paste; it checks Pyorrhea. Thousands have found it beneficial for years. For your own sake ask for Forhan's For the Gums. All druggists, 35c and 60c in tubes.

Formula of R. J. Forhan, D. D. S.
Forhan Company, New York

Forhan's

FOR THE GUMS

More than a tooth paste—
it checks Pyorrhea





You Can Cook with the Gas Turned Off!

Chambers Range, with its patented Thermodome and Insulated Oven, saves more than the saving of half your usual gas bill. Cooked with the heat waste—your food is prepared deliciously, with rich natural juices and kept in. And for the woman who does her own work, the task of cooking is done in a way that is impossible with any other equipment we know of.



Minutes Gas for a Full Meal

To roast, or bake, are placed in the Chambers Insulated Oven. Food is boiled, or stewed, is started in the usual way under the Thermodome over the open burner. In a few minutes—the gas is turned off—all cooking processes are completed without further care or attention. A full meal, including an roast ham, can be cooked with 30 minutes of gas. And the meal is kept just as quickly as it would be with an ordinary range with the gas constantly burning.

New Era in Cooking

As it cooks with the heat wasted through radiation by the ordinary range, the Chambers keeps your kitchen deliciously cool and pleasant. At any time during the period in which the food is cooking, the bare hand can be held on the outside walls of the Thermodome Insulated Oven. And after the gas is turned off, you are free to go to the house for entire afternoons without the knowledge that your return will find your dinner deliciously cooked and ready for serving. There is no gas burning or over-cooking—foods keep warm indefinitely.

With the Chambers Range, one thousand extra hours a year are released from kitchen drudgery.

Patented Features

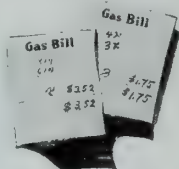
The Chambers Range stands conspicuously alone in the progress of kitchen management. Its special features are protected by patent. The turn of the handle that shuts off the gas lowers the Thermodome into position, or closes the vents in the Insulated Oven and starts the process of cooking with retained heat. There is nothing to be adjusted—nothing to get worried about—nothing to worry about when you are away from the kitchen.

Scientific Approval

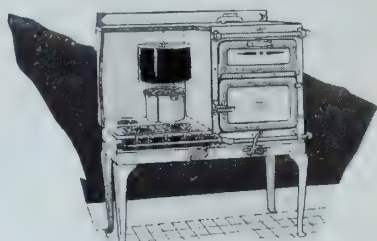
The value of the Chambers Thermodome and Insulated Oven has been demonstrated in many tests. As a result of these tests, the Chambers Range today enjoys the public endorsement of the four leading domestic science institutes. With it you can do anything that can be done with any other modern gas range. But no other range can offer the advantages of the patented Chambers Features.

Greatly Reduced Gas Bills

The big saving on gas bills, and our convenient payment plan, make it easy for you to replace your present equipment with a Chambers Range. Such replacements have been found profitable by many women who had not really been planning on the purchase of a range. There is a Chambers Model, finished in all white, or in black and white, that exactly meets your requirements and conforms to your kitchen floor plan.



The Saving on Gas Bills Helps to Pay for a Chambers



An Object of Pride in Any Home

Free Booklet

Send the coupon today for our booklet: "Cook with the Gas Turned Off!" It explains in detail what a Chambers Range can mean to you in better cooking, freedom, efficiency, and economy. CHAMBERS MFG. CO., Dept. E-5 Shelbyville, Ind.

Chambers FIRELESS Gas Range

COOKS with the GAS TURNED OFF!

Chambers Mfg. Co., Dept. E-5, Shelbyville, Ind.
Send your Free Booklet: "Cook with the Gas Turned Off!"

Name.....

Address.....

KITCHEN MAID

STANDARD KITCHEN UNITS



Unit Kitchens—to fit your individual taste

While Kitchen Maid units are standardized, the kitchens which you equip with them give the widest play to individual preference. Do you prefer everything along one wall? You may have it so. Do you prefer your kitchen cabinet and china closet here—your broom closet over there—your refrigerator in another place? That, also, is your privilege. Every unit is complete in itself. Use it alone—or group it with others into a wonderfully complete combination. Each unit is a splendid example of skilled cabinet-craft; a Kitchen Maid Unit kitchen costs no more to equip than it would cost with old fashioned cupboards. Send the list below for complete facts.

WASMUTH-ENDICOTT COMPANY

1250 Snowden Street, Andrews, Indiana
In Canada, Waterloo, Ontario

Please send me information regarding the units checked:

- ☐ PULMANOOK, consisting of table and 4 seats folding into wall. For alcove ☐; for any kitchen corner ☐.
- ☐ COMBINATION 210-X, with refrigerator, consisting of cabinet, broom closet, dish closet, and linen cupboards to set against wall.
- ☐ IN-A-WALL IRONING BOARD, folding into wall when not in use.
- ☐ BROOM CLOSET, to set in any kitchen ☐; to be built into wall ☐.
- ☐ DISH CLOSETS, LINEN CUPBOARDS, to be set in ☐; to be built in ☐.
- ☐ IN-A-WALL TELEPHONE SEAT.
- ☐ KITCHEN MAID KITCHEN CABINET.
- ☐ DIVIDER CUPBOARDS, to be used to separate breakfast room from kitchen.
- ☐ REFRIGERATOR.

Name.....

Address.....

City.....State.....

"Let the Kitchen Maid be your Kitchen Aid"

KITCHEN MAID

STANDARD UNIT SYSTEMS

REPRESENTATIVES IN ALL PRINCIPAL CITIES

When Dreams Come True



Chief among her treasures will be the grateful
comfort, the charm of lovely color
and the enduring worth of

KENWOOD PURE WOOL BLANKETS

BEAUTY and COMFORT are WOVEN IN

One need but see a Kenwood to appreciate its evident quality. Its very appearance is assurance of luxurious comfort.

And yet the STYLE and exquisite beauty of Kenwoods are but the visible signs of their superiority.

For Kenwoods are woven of ALL pure, new wool only; are pre-shrunk to hold shape and size when washed. Their long, soft, fleecy nap does not easily wash or wear away. Their colors are from the most permanent dyes. They give extra warmth in proportion to weight and will be in service long after ordinary blankets must be replaced.

Fourteen decorative patterns and colors to choose from, in 72 x 84 for double and 60 x 84 for twin beds. Ends bound with wide, lustrous satin ribbon.

You surely will want the distinction of Kenwoods in your own home. They are most appropriate in the Summer Home or Camp, where their soft color is delightfully appealing.

Kenwood Blankets, Baby Blankets, Slumber Throws and Blanket Bath Robes are now on exhibition at leading Department Stores and Gift Shops.

Our Comfort Catalog, printed in color, shows these and other interesting Pure Wool items. Sent with name of the nearest Kenwood Dealer on request. Please address Department H.

KENWOOD MILLS, ALBANY, N. Y.

KENWOOD MILLS LTD., Arnprior, Ontario, Canada

KENWOOD



The Definite Mark of

Pure Wool Quality

WOOL
PRODUCTS



Lodense Privet, being practically evergreen and dwarf, makes an ideal low edging plant. Here it lines a path on the grounds of the Newark (N.Y.) Country Club

HEDGES IN MANY MANNER

(Continued from page 162)

naught is left for the gaze of the passer by, but asphalt and concrete.

Many suburban streets, however, are very narrow, heavily traveled, and the houses set in close proximity to one another in small plots. In such a case a hedge is practically a necessity, for we must have privacy, and there is insufficient room for any other type of planting.

The common species used for this purpose are California Privet (*Ligustrum ovalifolium*) and Japanese Barberry (*Berberis Thunbergii*). These are both good within their limitations, but these limitations do effect their universal use. The California Privet is not always hardy north of New York City; it forms large thick hedges which cannot be kept within bounds indefinitely; it is a husky grower, needing frequent pruning; and it is a greedy grabber of plant food. The Japanese Barberry forms a smaller hedge, but grows so wide that it is apt to be too much of a space eater for small properties. To look its best it should be as broad as it is high. It also becomes thick and woody and then it is very ugly. Its thorns are a constant trial to the owner who has to fish out wind blown leaves and papers from its tangled masses.

Where a fairly tall hedge is desired, four feet or more, and California Privet does not meet the requirements, Ibota Privet (*L. ibota*), or Amur Privet (*L. amurense*) is very satisfactory. Hardier, finer in texture, and not as fast growing, they form really beautiful boundaries which can be kept in the desired shape for years. Regel's Privet (*L. ibota regelianum*) is a smaller, more drooping variety of Ibota, and as such has certain advantages over its parent. It is quite amenable to shade and thrives well along the sidewalk under trees.

HAWTHORNS AND BEECHES

Effective high boundary hedges may be secured by the use of the Cockspur Thorn (*Crataegus crus galli*), the American cousin of the famous Hawthorn of the English highways (*C.*

oxycantha). This makes close hedges well supplied with the beautiful white flowers followed by attractive red haws. Unfortunately it is somewhat slow in becoming established, and it does not relish clipping. The various Beech, English, Purple, Fern-leaved, or Apple, all make excellent large hedges, as does the American Hornbeam (*Cornus americana*). They have interesting foliage, good twig character, and are very hardy.

American Hemlock, Arborvitae, White Pine make excellent evergreen hedges but perhaps are a little expensive for boundary line planting. They last long in the more intimate portions of the property.

In the garden the hedge displays its greatest versatility—as an enclosure for the whole; as an edging for beds and borders; or for parterre. It is without doubt the most effective landscape form, combining the green of Nature with the firm lines of architectural walls and fences.

CONIFEROUS HEDGES

For large hedges Hemlock is supreme. Its texture is fine and feathery; it is compact, slow growing, and hardy evergreen. Its roots do not require nourishment from adjoining plants, so it will stand any amount of clipping. Next to Hemlock and running a close second is the White Pine, which pruned by pinching back in June can be restrained for many years. It needs, however, more room than Hemlock. White Pine makes an ideal hedge for the cold climates. It is not happy in the summers of Long Island, and does not grow from there southward. Douglas Fir makes a good hedge but it is not so rapid in growth. The other conifers and Firs are not easily adapted for hedging purposes. The common Cedar makes admirable hedges of more formal nature for garden plantations and backgrounds. Unfortunately the foliage is apt to become thin and sickly, due usually to

(Continued on page 165)

Consult Specialists in Water Supply



IN CITIES, Duro Water Systems are used to supply soft rainwater from cistern to kitchen, bath and laundry. In suburban and rural homes, they have replaced the back-breaking hand pump and the old fashioned windmill.

Farms, orchards, market gardens, dairies, country clubs, even factories and small villages, are securing the equivalent of city water service with Duro Water Systems. Wherever there is need for water under pressure, there you will find enthusiastic Duro users.

Duro Systems are supplied complete, ready to install. They have many important features that are the result of years of research and specialization in home water supply—features that insure quiet and enduring operation under difficult conditions.

Every woman will appreciate the new Duro Single and Water Softener. Connect to your city water piping and you will have clean soft water at the faucet. Priced as low as \$105., f.o.b. Dayton

DURO Service Advisory

Are you attempting to figure out your own perplexing water supply problems?

Are you hesitating to install modern automatic water system water softener because of uncertainty?

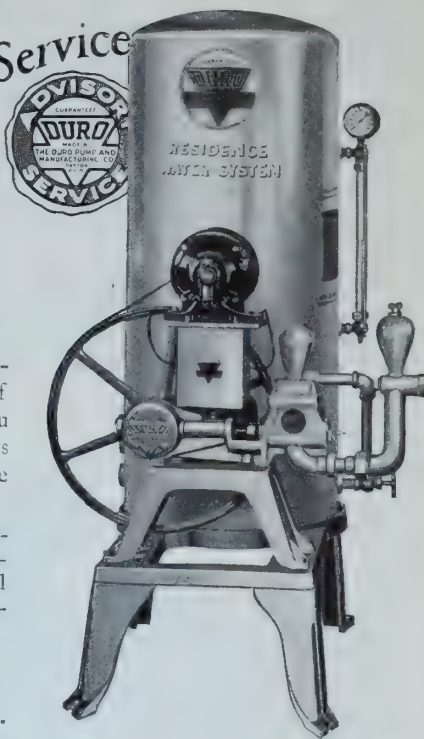
Consult specialists in water supply. Duro is an organization of specialists. No matter where you live or what your requirements may be, Duro can help you. There is no obligation.

Duro offers a Free Advisory Service. It will make definite recommendations based on an individual study of your particular requirements.

Simply write for **FREE CONSULTATION BLANK**

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Exclusive manufacturers of Water Systems and Water Softeners



THE VERTITANK—A popular Duro Water System for city and suburban homes

DURO

Water Systems



One of various methods of valley construction
Walter McQuade, Architect

Tudor Stone Roofs

The Roof, which is one of the most prominent features of a house, must be designed artistically and harmoniously to obtain the best architectural effect.

Every Tudor Stone roof is individually designed and specially quarried for the house upon which it is to be laid. The finished effect is predetermined, age and time merely improving and mellowing the colorings of the slate, and hence the appearance of the roof. Every Tudor Stone roof is, moreover, weatherproof, fireproof and everlasting.

Our Architects' Service Department, under the direction of Mr. Walter McQuade, a practicing architect, will gladly cooperate with you and your architect in planning a Tudor Stone Roof. We shall be pleased to send you upon request a copy of our illustrated booklet which fully describes our service

Rising and Nelson Slate Company
NEW YORK

Sales Office and Architects' Service Department: 101 Park Ave.

Quarries and Main Office: West Pawlet, Vermont

BOSTON PHILADELPHIA CHICAGO



The New Sheridan Hotel at Cudahy, Wis., where Monarch Strips installed by Edw. T. Ver Halen, Monarch licensee at Milwaukee, at a total cost of \$373.00, saved \$361.82 on coal bills in one year.

Up where the North begins Monarch Strips cut coal costs \$361.82 —the first year!

Storm sash on the windows! A roaring fire in the big furnace! \$970.31 worth of coal gone up in smoke! Rooms cold and uncomfortable when the thermometer outside hovered around zero!

There you have the story of conditions at The New Sheridan Hotel at Cudahy, Wisconsin, the year before Monarch Interlocking Metal Weather Strips went on all windows and doors.

But the first year Monarch Strips were installed, those hard-to-heat rooms were made snug and warm though the outside temperature dropped to 19 degrees below zero at times and the wind frequently reached a velocity of more than 35 miles per hour, as Government weather reports prove. The storm sash was discarded. And coal costs dropped \$361.82.

Now the owner writes: "Before we had your weather strip put in, we had storm sash on the most exposed sides, but found it impossible to keep a uniform temperature in all rooms when the weather was severe. Now we find it easy to keep an even temperature of 70 degrees throughout and have dis-

carded the storm sash entirely. You can see for yourself what our fuel saving has been as indicated by the enclosed fuel bills for the year before and the year after your weather strip was installed."

Monarch Strips are the only two-member interlocking metal weather strips made. They are the only strips which give and take with the sash as it swells or shrinks. They not only bring snug comfort and reductions on fuel costs no other strip can equal, but they last as long as the building in which they are installed, and always work as well as when new.

All the Facts—FREE

Now, while warm breezes blow and next winter seems far away, get the whole story of weather strips. Find out why old-style weather strips defeat the purpose of your heating plant and send fuel costs climbing—and why only Monarch Interlocking Metal Weather Strips control air leakage thru windows and doors and save fuel. All told in that interesting free booklet, "Only 1/8 of an Inch." Clip, fill in, and mail the coupon for your copy—NOW!



MONARCH METAL PRODUCTS CO.
4920 Penrose St. St. Louis, Mo.

Representatives in All Principal Cities

MONARCH METAL WEATHER STRIPS

Interlocking Type No. 400—Standard Control of Air Infiltration

Fill in and mail this form

MONARCH METAL PRODUCTS CO.,
4920 Penrose St., St. Louis, Mo.

Please send me free estimate for weather-stripping (No. here)

..... windows and (No. here)..... doors.

Also send free copy of your booklet, "Only 1/8 of an Inch."

Name.....

Address.....



HEDGES IN MANY MANNERS

(Continued from page 164)

presence of red spider. This pest can usually be discouraged by spraying the hedge with a strong force of water. American Arborvitae, and its variety the Siberian makes perhaps the best hedge of all the compact evergreens. Of naturally solid and pyramidal shape it needs but little attention, and if left entirely alone makes a hedge of interesting bumpy contour.

For smaller, and more delicate evergreen hedges the Japanese Yew, both spreading and upright forms; the Japanese Hemlock (*Tsuga diversifolia*); Swiss Stone Pine (*Pinus cembra*), which is a small compact edition of the White Pine; and Mugho Pine, a dwarf, many branched plant, are available. Japanese Holly (*Ilex crenata*), and in the South English Holly (*I. aquifolia*), and the Spindle Tree (*Evonymus japonica*) are also very fine. All have glossy holly-like leaves. Nursery grown plants of our native Inkberry (*Ilex glabra*) make a Boxwood-like hedge from eighteen inches to three feet in height. It is, by the way, much less expensive than true Boxwood.

FLOWERING SHRUBS

Among the shrubs and small trees for garden hedges all those mentioned for boundary hedges are adaptable as well as many others. The Arrow-wood (*Viburnum dentatum*) makes a fine graceful and informal hedge, particularly so for it has a fine foliage and interesting black berries. Spirea Van Houttei if left untrimmed makes a broad graceful hedge about eight feet high. Japanese Quince is less graceful, but its fine foliage and gay flowers add a charming note to the garden. It should not be clipped but merely thinned out to maintain control over it. Lilacs, particularly the Rouen variety (*Syringa chinensis*) are admirable for large hedges.

Among the smaller shrubs which make excellent deciduous hedges for the garden are *Deutzia gracilis*, *Xanthorhiza apiifolia*, and *Viburnum opulus nana* (a dwarf form of the High Bush Cranberry). These all make hedges which can be restrained to a foot in height. Box-barberry and bodense (*Ligustrum nana compacta*) are also becoming quite widely known and are taking their place for small hedges.

For parterre work and the smallest border hedges which must remain compact and dense nothing compares with dwarf Box (*Buxus suffruticosa*). There are several other species of Box which are fair substitutes. *Buxus sempervirens* is good but less hardy. *Buxus rotundifolia* is hardy but somewhat coarser, although it is much quicker in growth and a lighter green in color. *Taxus brevifolia* makes a fine dark green and compact hedge. This is a slow growing form of *Taxus cuspidata* and is perfectly hardy. It can be clipped to formal lines or allowed naturally to take its picturesque and spreading form. Garland Flower

(*Daphne cneorum*) makes a fine hedge about two feet wide and eight feet high. It is evergreen and has very lovely sweet scented flowers. English Ivy (*Hedera helix*) makes a low hedge six inches high, and protected in winter will thrive north as Hartford, Connecticut. *Phyllom buxifolium* makes a hedge of Boxwood-like appearance about one foot high by a foot wide. It should not be clipped. *Ipomoea pervirens* or Hardy Candytuft makes a similar hedge which is particularly attractive on account of the small blue white flowers borne in flat-topped clusters in May. Incidentally this flower is most brilliant, "whitest" white the garden affords as it contains no red to tone it down.

It may seem that any discussion of hedges should dwell at length on Boxwood, for who does not know it is the noblest of hedge plants? It is perfectly true; but because about two years or so ago a great many people woke up simultaneously to the fact and proceeded forthwith to clear the market, buying up all the Boxwood hedges along the Eastern seaboard since then, we say—how is it to be? Boxwood big enough to be a hedge for his lifetime? The answer is that you must look for substitutes among the other shrubs. Hollies and Yews and be content with seeing Boxwood from afar, or spending a fortune at some nursery to get a few homeless plants, torn from their ancestral home on the James mac. When we realize that Boxwood grows but a couple of inches a year, begin to reverence the might of Mt. Vernon and of other landmarks of former days, when planting a hedge was thought of in terms of many years and not of a few short seasons.

HEDGE CARE

In conclusion a word about the care of hedges. Since the plants are made up a hedge are planted together than they normally grow, and since by virtue of their characteristics as hedge plants they are usually husky growers, they need particularly large amounts of food and water. Do not hill up the plants at the base of the hedge. If you do, all the water will run away and the plants will suffer from thirst. Rather, level the ground level and so let the water run in to the roots. In the fall provide a goodly supply of manure on the sides of your hedges, for the shrubs and trees, and for evergreen humus, peat or leaf mold.

Deciduous hedges can be clipped whenever necessary to preserve their appearance. Shrubs used for hedges such as Spirea and Yew and the like should not be clipped but should have the old wood cut out from the bottom in order to serve their shape. Evergreen hedges should be clipped in June, for the first growth has been made especially before the second growth which is usually in August.





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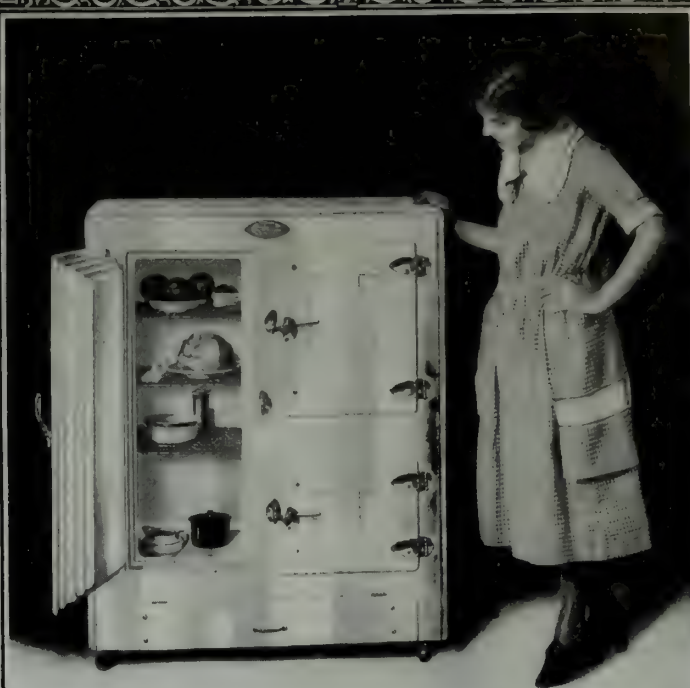
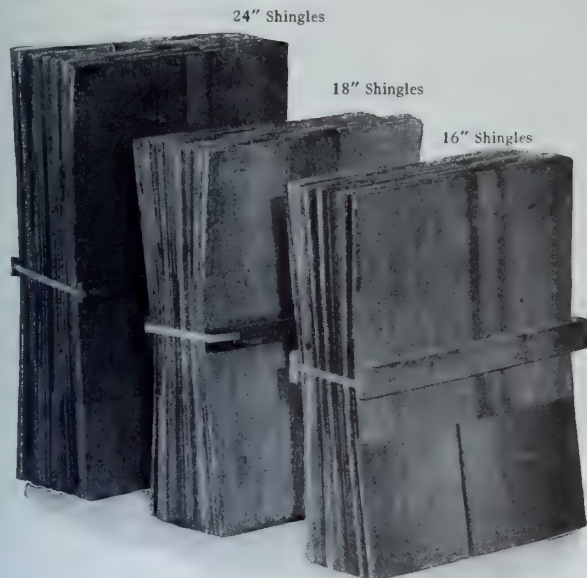
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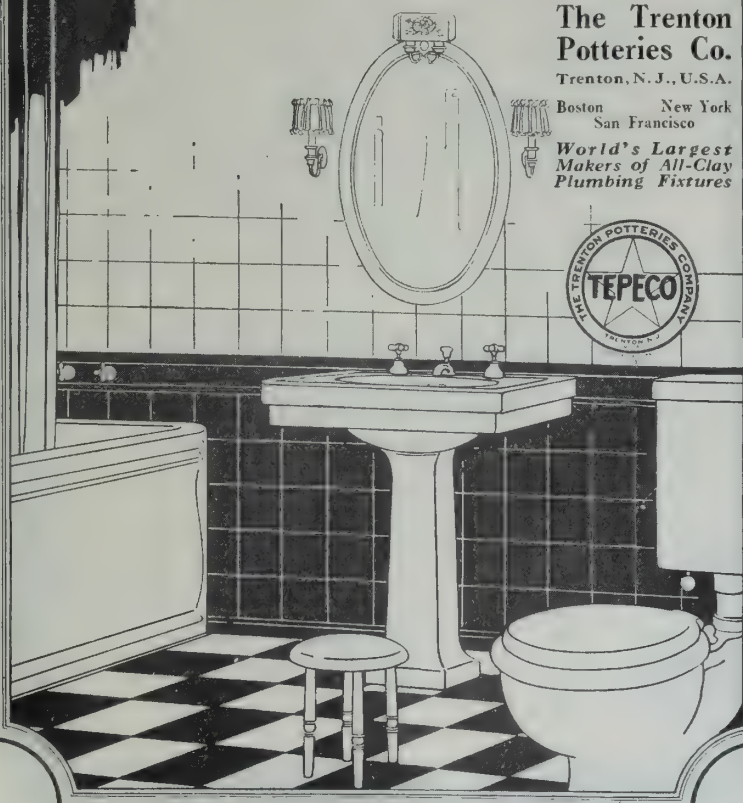


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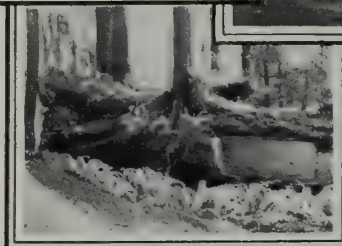
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Annual rings of trees growing over this Redwood show it has lain on moist ground over two centuries. It is sound, free from decay or even worm holes.



Trees have grown over this buried Redwood for 350 years. But the cut into the old Redwood shows clear, sound wood fit to be sawn into highest grade lumber.

Over this 600 year old Redwood, trees close to 200 years old have grown. Yet the cut shows the buried Redwood sound and free from decay.

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Only the best lumber dealers carry "Perfection". We will be
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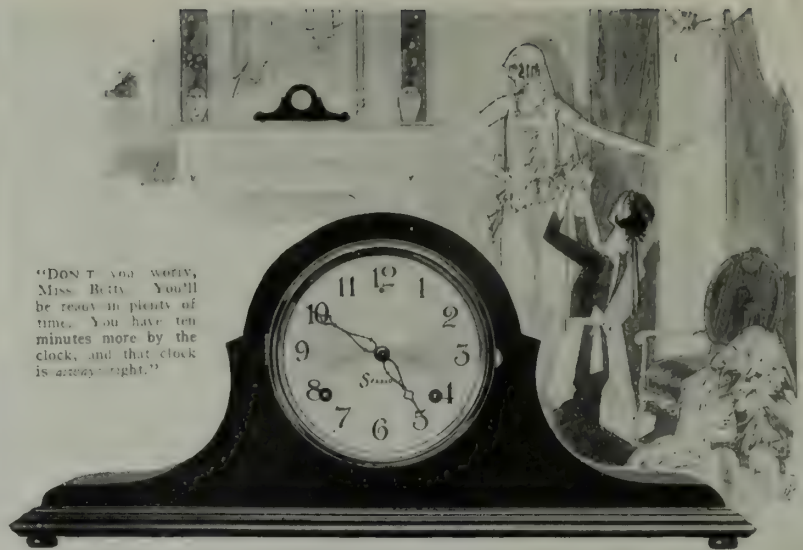
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Trust a Sessions and you'll always be on time

THIS new tambour model, we
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It is a great pleasure to show you among our
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grandmothers and great-grandmothers loved,
practically unchanged since their day, and as
lovely as ever. In others you will notice
changes which modern ideas of decoration have
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You may choose tambour, banjo or Colonial
clocks for wall, mantel, desk or dresser, in
solid mahogany or mahogany-finish, suitable
for every room.

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It would be interesting for you to compare our
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Sessions beauty. And when you remember that
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time-keepers, you can readily understand that
such a comparison never fails to make one sur-
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Mellow, floating tones

WE HAVE recently applied for a patent on a new
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rods, because we have discovered a way to make
the tones sweeter and more prolonged. There
is no harshness or hurry when they mark the
hours. Clear and sweet, the tones seem to float
in the air with a homelike sense of security and
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You will find Sessions Clocks at stores noted
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BANJO clock: 35 1/2 inches
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Without strike, \$24.50. With
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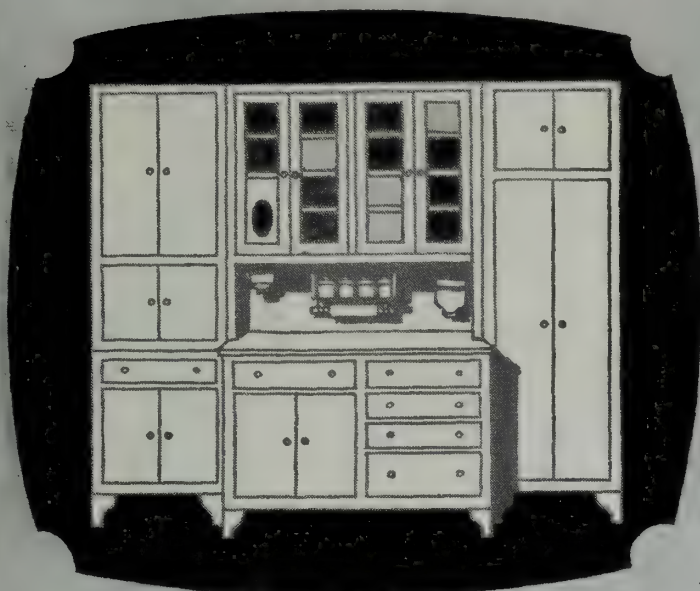
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*efficient,
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THE Home Builder is ever seeking quality and durability. Be assured of both in your kitchen and pantry by using WHITE HOUSE Units, which have beauty distinctly their own, that sets them apart from all other steel construction.

The combination pictured consists of our No. 50 Dresser, 26 in. Side Unit and 26 in. Broom Closet, filling a space of 8 ft. 6½ in. Many other combinations may be made from our standard units. All in shining white enamel finish. Booklet sent on request, or we would be glad to make suggestions for the use of WHITE HOUSE Units if you will send us your plans for sketch and estimate. If convenient, a visit to our showroom at the address given below will give you many new ideas.

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133 West 44th Street, New York

LEADERS, GUTTERS and FLASHINGS

(Continued from page 94)

New Orleans, a few of the old courtyards show the great wood cisterns still in place, water being too near the surface down there for the house supply to be stored under ground in a brick or cement cistern.

With the gradual passing of the Gothic influence in English house design, the rich lead work finally passed out and roof drainage became a more and more unembellished feature.

Of recent years with a very limited and "studio" revival of English lead work, the richly ornamented leader box, gutter and down spout has come into use again on such houses as can afford this luxury. What we are seriously needing today, however, is not the "studio" product alone, but also a supply of well detailed stock material in sheet metal which can be had at moderate cost. The sheet metal workers are realizing this need, and attention is gradually being given to design.

It is obvious that the same quantity of metal which goes into a crudely shaped hung gutter, leader or leader box, would suffice for making a carefully designed product.

These improvements in design are slow to be undertaken by the manufacturer. He easily sells crudely designed material, so he feels that it is unnecessary to indulge in the very small expense which the services of an able designer would stand him.

There are two basic types of gutters generally in use with us. The least costly of these is the hung gutter, in which the metal trough is exposed to view, placed on hangers, and forms the eaves line. The hung gutter is a frank and straight-forward solution for collecting the roof water, and has much to recommend it.

While the hung gutter is found on the most primitive sort of building, it must not be looked upon as an inferior sort of thing. It is capable of most sightly use, and is found upon much beautiful building today. The usual stock hung gutter has a half round section but moulded shapes as well may be had from stock.

In the other type, the "box gutter", the sheet metal trough is concealed behind wood or stone cornice members,—generally behind wood members in residential work. This gutter is in reality a metal lined wooden arrangement, and gives opportunity for delicate wood crowning members which we so commonly use on our "Colonial" and "Georgian" houses.

MATERIALS

We have a wide range of materials to choose from today. Soft lead, hard lead, lead covered copper, copper, zinc, and tin are some of the materials now available. All are used to a greater or lesser degree and the range in cost is about as here listed with tin the most moderate.

Each of these materials has its characteristic reactions when exposed to variations in temperature, and tin plate finds moisture unfriendly. The installation work has to be done with these reactions well taken into consideration

or the result eventually proves a failure.

Soft or unalloyed lead sags and does not serve for horizontal members as hung gutters unless furnished with almost continuous support from closely spaced hangers. In the larger old English lead work where this occurs, they are set in on a stone and so had continuous support. This was not done, as occasional short lengths, these old gutters sagged into festoons. Lead is generally used for such work as ornamental leader heads, leaders and wall stops.

"Hard lead" with its alloy of antimony will stand up satisfactorily and not sag when unsupported as does soft lead. As yet this alloy is not in general use; its lasting qualities are not yet fully determined.

Lead covered copper offers the advantages of copper, and the cold advantages of lead. It is coming into more active use, and in a large way the excess cost over copper is not great.

COPPER AND ZINC

Copper stands exposure indefinitely. It is easily worked and when placed with its expansion and contraction habits taken into consideration, gives most satisfactory results. Lining box gutters, copper needs careful installation, but for hung gutters, flashings, leaders, and boxes, the expansion and contraction is more easily taken care of. The oxidation of copper with exposure results in the resulting green is often a poor asset. If the green tone is not desired, the copper may be allowed to oxidize slightly to a beautiful brown, or several coats of linseed oil may be kept this colour.

Sheet zinc is in use to some extent. It expands and contracts actively and is best suited to parts of the building where there are but moderate variations in temperature. As with copper, zinc is most durable, provided it is not attacked by elements leached out of adjoining rock materials such as cedar and redwood shingles.

Sheet tin, in reality sheet steel dipped in tin, is perhaps the material most generally in use for work of moderate cost. If this material is well painted with tin and when being installed is heavily painted on the under-side, then given periodic painting on the exterior surfaces, tin can be fairly durable, but, these conditions are frequently not complied with. A householder neglects the periodic painting, and waits for a leak to remind him. Tin leaders can't be painted on the inside, so here a rusting material is most advisable if it can be afforded.

When the home is built, the construction and appearance can be furthered by attention to metal work. Gutters, leaders and boxes, well designed and finished in metal can trim up a very simple home in a surprising manner and add to its distinction.

"feed your food FRESHENED AIR"

CHILLED! The air is kept evenly chilled
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HOW delightful to serve a crisp, tender salad on hot summer days! The Automatic keeps salads crisp and chilled until served—keeps lettuce, celery, tomatoes, all other foods, fresh and wholesome—helps make summer meals appetizing. Clean, chilled air circulating through the food chambers, is purified by constant contact with the ice. Free, chilled drinking water is always ready in the built-in tank, an exclusive feature making your ice do double duty. The Automatic is finished in golden ash or pure white. White interior with rounded corners—no seams or crevices. Oversize food chambers, non-rustable shelves. Tight-locking, hand-fitted doors. Outside icing if desired. The Automatic dealer in your town helps you choose the right size for your home. Write for his name!

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 Secure support for inverted bottles. Specially designed—exclusive features.

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The Automatic Scientific Air Circulation Keeps Lettuce, Celery and Tomatoes Fresh!

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saves food **chills water**

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YOU can express your individuality by using **EDHAM KOLORED SHINGLES** on the roof and sidewalls of your new home; 31 colors to select from—soft Silver Greys, rich Moss Greens, pleasing Bungalow Browns, deep Tile Reds and Colonial White, or the charming Variegated shades and tints.

The durable, rich colors are not obtainable by ordinary brush painting. The natural British Columbia Red Cedar shingle is taken direct from our dry-kilns, while hot and free from moisture, to the staining vats, while the pores of the wood are still open, ensuring full penetration of color. They are hand-dipped separately and individually in vats of the strongest color pigments, linseed oil, creosote preservatives and "binder."

Warping, cupping and curling are impossible, as **EDHAM KOLORED SHINGLES** are 100 per cent. Edge-grain. They will last as long as the house.

The first cost and the upkeep cost is less than that of any other building material for roof or sidewalls. Affording unlimited architectural possibilities, leading architects everywhere specify them. Your local lumber dealer stocks standard Greens, Browns and Greys in 16, 18 and 24-inch shingles. Specify them by full name, which you will find printed on binder stick and red tag attached to bundle. Avoid substitutes.

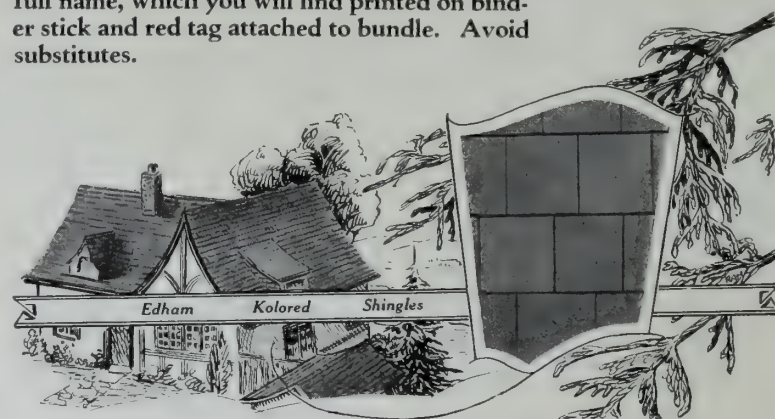
Write for free portfolio, "HOME, SWEET HOME," showing photographic reproductions of attractive **EDHAM KOLORED SHINGLE** homes by well-known architects; or, if your old home needs new roof, sidewalls or remodeling, send a snapshot and we will send you pencil sketch showing the architectural possibilities in beautifying with **EDHAM KOLORED SHINGLES**.

G-3

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A Distinguished Adaption

Paduck, a rare species of East Indian mahogany, illuminates the panels of this Louis XVI dresser in alternate strokes of rich red and golden yellow. Walnut, greyish greened, frames and mantles these panels, while an interesting diamond of walnut burl gathers the strokes of the center one.

Here is a composition of color harmony Rembrandt might have conceived, but could have completed only by the aid of nature's handiwork in fine woods. Here is design of aristocratic contour with a character and beauty that would delight the old original designers from whose choicest work it was adapted.

This piece represents Garver achievements in creating bedroom furniture that transforms bedrooms from the commonplace. The best dealers have this and other Garver pieces and suites, or can arrange for them to be shown to you.

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GARVER

BEDROOM FURNITURE

Inquiries Invited For Our Illustrated Brochure 200



The corner cupboard above with its fine paneled doors is in the home of Mrs. Drinker Bullitt at South Ashfield, Mass.

CORNER CUPBOARDS

WITH the revival of the early American decoration and the wide interest in Colonial furniture of all kinds, the corner cupboard is having a vigorous revival. While this piece of furniture is found in practically every scheme of decoration it is most intimately associated with the sturdy interiors of our forefathers. Collectors are ransacking the country for early pine and maple cabinets, as well as painted pieces, to meet the demand of the myriad living rooms and dining rooms that stress this type of decoration.

On this page are shown two distinct types of corner cupboards. The cupboard in the picture at the top, with its quaint H shaped hinges, is an unusually beautiful example of a cabinet with solid paneled doors. Because of the simplicity and beauty of

its lines it lives most happily with the French arm chair on the left covered in old needlepoint, and with the sturdy table at the right covered in a piece of colorful brocade.

The other cabinet shown below is more sophisticated in character than the cupboard above. It is mahogany with interesting paneled doors in the lower part and a beautifully designed glass door above with graceful arched sections at the top. In this case, it is both a useful and decorative addition to the room as on its shelves is displayed a fine collection of old china.

This room is a delightful example of the homely charm of early American decoration. Here are the sturdy chairs and tables so characteristic of the period, the gay hooked rugs, with their quaint, amusing designs, and the

(Continued on page 174)



The charm of the early American room above with its fine old furniture, hooked rugs and amusing Currier and Ives prints is enhanced by a graceful corner cabinet

A lavatory of utmost beauty, convenience and cleanliness

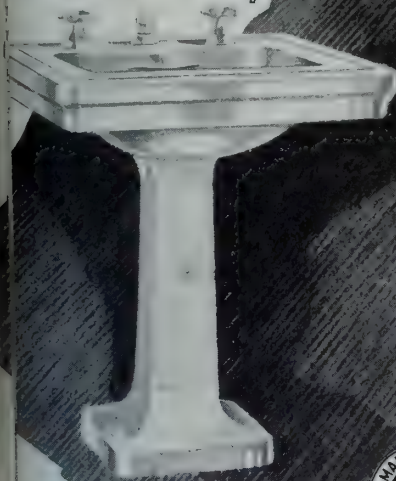


THE Madbury Lavatory impresses the guest by its visible evidence of quality. It is a joy to the housekeeper because it is so easily kept clean.

All exposed parts are of pure white vitreous china—no nickel to polish. The concealed inlet eliminates projecting faucets and provides a single stream of water at any desired temperature. There is an automatic device for cleansing the overflow drain. The bowl is unusually large, and has a style of rim that prevents splashing.

You are invited to write for our new booklet, "Maddock Bathrooms." This booklet gives suggestions for placing different combinations of fixtures in spaces of various sizes and shapes.

The Madbury



Why vitreous china

Vitreous china does not require constant scouring. It will always retain its snowy, glistening whiteness. Soil does not cling to it. It does not become roughened by use. It will not chip, split, crack nor stain; even acids cannot harm it.



THOMAS MADDOCK'S SONS COMPANY, Trenton, N.J.

MADDOCK
Bathroom Equipment

Avoid doctor bills by more intelligent use of the plumber



CORROSION the Cancer of Metal—

An Ever-Present Menace to Your Pipe and Your Property

YOU seldom think of the pipe in your home—until corrosion, the deadly disease to which this pipe is subject—causes a disastrous leak. Again, you seldom think of the cost of piping until you have to pay a bill to repair water damage. The time to think about pipe is beforehand—when you are building or remodeling.

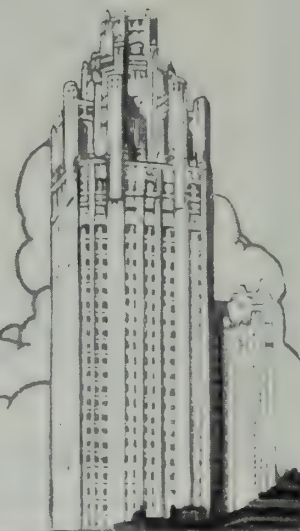
Specify Reading Genuine Wrought Iron—the pipe that endures. The pipe with immensely greater rust resistance than the hardest steel. In numberless instances Reading Genuine Wrought Iron Pipe has been found to outlast the building in which it was installed.

Why take chances with inferior pipe when "Reading," figured on the most conservative basis of its probable life, actually costs you less?

Reading Iron Company
Reading, Pa.

World's Largest Manufacturers of Genuine Wrought Iron Pipe

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Pittsburgh	Chicago
St. Louis	Houston
New York	Baltimore
Cincinnati	Seattle
Los Angeles	Tulsa



READING PIPE
GENUINE WROUGHT IRON



Roses Ready To Bloom

WE MEAN just that *and more!* and supply extra strong two-year old field-grown plants full of vitality which will give a full crop of flowers continuously throughout the summer and autumn. We offer in our Garden Book two hundred of the World's choicest Roses, but especially recommend

The Famous "Dreer Dozen" Everblooming Hybrid-Tea Roses

This set holds a splendid range of colors; covers a long blooming season and each variety has proved its worth in many sections and soils. Thousands of "Dreer Dozens" are sold every season— invariably to make us thousands of appreciative friends.

Caroline Testout

the bright satiny rose beauty that won Portland fame as "The Rose City."

Miss Lolita Armour

a symphony of coral red, coppery shadings and rich golden yellow.

Duchess of Wellington

a deep coppery saffron yellow of delightful fragrance.

Mme. Edouard Herriot

the Famous Daily Mail Rose—coral red, yellow and rosy shadings passing into shrimp pink.

Hadley

Beautiful in its dazzling crimson scarlet. Shapely buds, perfect flowers.

Radiance

Brilliant pink with salmon pink and yellow shadings.

Kaiserin Augusta Victoria

soft pearly white, tinted lemon center.

Red Radiance

A bright cerise red.

Lady Ursula

Absolutely unique shade of flesh pink and delightfully scented.

Rose Marie

a great producer of lovely rose-pink beauties.

Los Angeles

Flame pink toned coral, with translucent gold at base.

Wm. F. Dreer

Soft, silvery shell-pink, with rich golden yellow base.

Any of above varieties, in strong two-year-old plants, \$1.00 each, \$11.00 per dozen.

One of each of above 12 beauties,—a fine collection, for \$11.00.

The Dreer Garden Book

looks back upon 87 years of faithful service and truthful advice on the subject of gardening in all its branches. Clearly written, freely illustrated, devoid of exaggeration, it is esteemed a welcome friend in thousands of garden homes. A copy awaits your call and please mention this publication.

HENRY A. DREER

1306 Spring Garden St.

Philadelphia, Pa.



In the home of Marshall Fry at Southampton, L. I., is a painted corner cupboard holding an array of china

CORNER CUPBOARD

(Continued from page 172)

bright chintzes that add so much to the cheeriness of a room of this kind. In addition there is an unusual low maple day bed and a fine collection of ridiculous Currier and Ives prints.

The other corner cupboard shown on this page is a simple painted affair, used in a gay little country house dining room—a practical as well as decorative piece of furniture as it is used to hold the china in every day use.

This is colorful Brittany ware excellently suited to an informal country house dining room of this character.

A vivacious color scheme gives distinction to this small interior. Here the walls are soft tan color, the cupboard a clear blue-green. The chair and small stand are painted primrose yellow, lined in red, and the curtains are neutral toned calico cloth trimmed with red braid.

OPENING THE CLOSED HOUSE

(Continued from page 84)

Many a burglar has taken advantage of a decrepit lock. Stray cats too, have been unpleasant guests in houses whose locks have allowed doors to open in wind storms. Of course, excellent hardware in the beginning is the true prescription here, yet there are no mechanical devices in the world, too good not to require regular and thorough inspection.

The cellar door should have been effectively barred and bolted before leaving the house. Upon re-opening the house, if it is found that the cellar doors have not been effective, they could be replaced with better ones. If they be not of iron, the cellar door should be of solid wood (*not panelled*) and bolted inside with bolts of excellent manufacture.

The cellar that has suffered leaks, should be immediately attended to, for a leak may be the cause of much ill health. The discovery of a leak, may be indicative of some radical need. Re-cementing may be the cure or a better drainage system and grading.

The refrigerator drain should be

cleaned out before filling the case. A clogged drain is a menace. The door, too, of the refrigerator should be opened to air the case and a good swabbing out of the shelves and walls is a nice performance. It is perhaps unnecessary to say here that before leaving the house the drain should have been well cleaned out and the interior of the refrigerator cleaned and aired.

If the house is being opened for summer use, it should be screened before the family arrives. For after flies and insects get into a house it is far more difficult to get rid of them than it is to prevent their entrance with well made screens. If the screens have become injured and do not happen to be of the excellent copper cloth or non-rusting combination, replace them with copper screen cloth or substitute the copper screen for the injured member. The sleeping porch, shall be, by all means, screened before the family comes. This is often forgotten to the last and is done late enough to make the out-door sleeper dread it, then give up the idea of sleeping there.





Queen Anne Martin House

Made with 48 rooms for the beautiful martins who colonize. The martins destroy mosquitoes! Scientific porch. Pure white and green trims. Of pine, copper plated. 22-foot easy raising pole, house 36 x 26 x 37 inches.

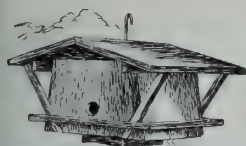
\$60.00

Hexangular Flicker House



Places with trees should have these houses. The woodpecker family save millions of dollars in trees annually, destroying moths, ants and tree pests. Lovely design. Brown to match tree trunk. Norway pine. 26½ inches high, 12 inches wide.

\$7.00



Great-Crested Flycatcher House

Flycatchers are entirely insectivorous, picking off the pests of the air. This striking original house will attract them. Hang on a pole or hang. Green, of pine. 21 x 11 x 18 inches.

\$4.00

With Copper Roof
\$5.00



Scientific Wren House

Attracts the silver-throated wren! A 4-compartment house satisfying their habit of hanging nests for each succeeding brood. Beautiful design, to hang from tree eaves, or elsewhere. Green. Of oak, with cypress shingles, copper coping. 28 inches high, 18 inches in diameter.

\$7.00



Enjoy them— on a square foot or on an acre!

FOLKS get an idea that song birds must have a whole park or vast estate—Oh, no! There's a little pair of wrens, bluebirds, flycatchers, waiting for a home on the eaves of your house. Or on the tree just outside. A colony of beautiful martins are scouting about for a home on a pole—give them a perfect home!

These quaint signs of hospitality attract the beautiful songsters. So artistic are the Dodson Bird Houses, that one is apt to overlook the scientific details which Mr. Dodson has perfected after years of study. Not so the birds! They approve them season after season, building their homes, raising successive broods of little songsters.

Gentle folks love the birds, know their happy influence, their inspiration. Dodson Bird Houses open this joy to you.

But, remember, always, the *work* of the song birds. A thousand mosquitoes a day are destroyed by just one graceful martin! Trees are protected from boring pests by the flicker family! All your green growing things are *insured* thru the song birds you attract.

Send us your order straight from this page. The houses come promptly all carefully crated, ready to put up. Order now—don't put it off.

JOSEPH H. DODSON, Inc.
791 Harrison Ave. Kankakee, Ill.

Mr. Dodson is President of the American Audubon Association and a Devoted Friend of the Song Birds

Real Dodson Bird Houses sold only from Kankakee



Bird Bath

Birds need water—that's why they eat fruit. They are afraid of large bodies of water. A scientific bird bath will attract them to your lawn. Sloping sides designed for the birds complete with stand. 32 inches high.

\$26.00



Bluebird House

Bluebirds for happiness, because they are perhaps our most beloved songsters! They are exacting birds; but this house will win them. Put it on a pole up out of harm's way. Green, of pine, 21 inches high by 16 inches in diameter.

\$7.00



Free!

Send for Mr. Dodson's fascinating booklet—"Your Bird Friends and How to Win Them." Forty years' loving study of the birds has completed it. Things you should know about the work of the song birds.

Who Buys Dodson Bird Houses

Henry Ford, Detroit
Mrs. W. M. Leeds, New York
Edward Bok, Philadelphia
Adolphus Busch, St. Louis
Mrs. Thomas A. Edison, Montclair
Mrs. Julius Rosenwald, Chicago
J. H. Kellogg, Battle Creek
Sidney L. Colgate, Orange
Irvin S. Cobb, New York
Mrs. Louis F. Swift, Chicago
J. Ogden Armour, Chicago
Mrs. French Vanderbilt, Newport
and score upon score of friends
the country over

Plant These For Permanency!

THE charming Scotch Blue Bells (shown below) and certain varieties of Daffodils will thrive and bloom each spring for years to come, if planted with a little care. Bring permanent beauty to your grounds by liberal plantings of the wonderful



Scotch Blue Bells

Scotch Blue Bells White	Scotch Blue Bells (excelsior Blue)
\$3.00 per 100	\$4.00 per 100
25.00 per 1,000	35.00 per 1,000
Scotch Blue Bells—Rosy Queen—Pink	
\$5.00 per 100	
45.00 per 1,000	

Mixed Narcissus for Naturalizing

Plant them by the thousands—they will become a valuable asset!

All Yellow Varieties \$40.00 for case of 1,000 bulbs
All White Varieties 40.00 " " " "
All Varieties Mixed 40.00 " " " "
\$375 for 10,000 bulbs.

Not less than 250 bulbs sold for \$10.00; 500 bulbs sold for \$20.00.

Your Last Chance at Fair Prices

After this fall we will not be able to repeat above offers, due to Quarantine restrictions. Please order before July 15th, when this offer expires. Write for Special Import List NOW! It shows the way to substantial savings on your fall order for Tulips, Daffodils, and all other Dutch Bulbs. Please act promptly—you'll gain all round—and mention this publication.



The Wayside Gardens Co.
Largest Growers of Hardy Plants in America
Mentor, Ohio.
E. H. Schultz, Pres. J. J. Grullemans, Sec. Treas.



WOODPECKER or FLICKER HOUSE, 20 1/4" high; may be applied to side of tree, house or barn; stained brown. Delivered \$2.00.



FEEDING STATION attracts birds; assures you daily visits next winter; stained brown. Delivered \$1.



ROBIN ROOST for the Red-breast who will not build in a house; stained brown. Delivered \$1.00.



No. X-10 STONE BIRD BATH. Where this beautiful bird bath is placed, there will always be songsters. Scientifically correct; of classic design; bowl 21" diam.; pedestal, 26" high. Delivered \$12.00.



No. X-15 EASY-CLEAN MARTIN HOUSE, ready for paint; 3-story, 28 comp., delivered \$11.50. 2-story, 20 comp., delivered \$9.50.

No. 3 WREN CLUSTER on 8" stained brown; bottom. Delivered.

No. 5-A WREN pole, etc., delivered house only, delivered.

No. 5 BLUE BIRD stained brown; hilled for cleaning. \$1.00.

We suggest early installation of these bird comforts to aid you garden the first arrivals from the south. SHIPPING CHARGES PREPAID. Write for our illustrated catalog on garden furniture.

**GARDEN CRAFT DEPT.
EXPRESS BODY CORPORATION**
9 Lake Street Crystal Lake, Ill.

Flowers by Wire
to Anybody Anywhere!

The nicest gift to your dear ones for every occasion is Flowers! Flowers will always tell your story! On steamers, our Flowers—specially arranged to stay fresh throughout the voyage—repeat your greeting every morning! In New York we deliver within the hour—in every other city as quickly as our wire reaches one of our 3,000 branches. Orders filled from \$5 up! Use this coupon!

MAX SCHLING INC 785 FIFTH AVE. New York

Enclosed find \$_____ for which send flowers or plant to _____ (address) _____ on (date) _____

Enclose my card.
My Signature _____
My Address _____

Your Fence Problems

Excelsior Rustproof Ornamental Wire Fences and gates will give you complete protection as well as artistic effect.

This patent clamp construction means rigidity and perfect alignment. Heavy galvanizing after weaving means permanence.

We shall be glad to furnish you complete details concerning your own fence problems.

WICKWIRE SPENCER STEEL COMPANY, INC.

Fence Department

Worcester Massachusetts
New York Buffalo Philadelphia
Cleveland Detroit Chicago
San Francisco Los Angeles Seattle

EXCELSIOR
HOT GALVANIZED AFTER WEAVING
WIRE FENCES



An Import Order NOW=Big Savings LATER!

* * * (N.B. Bulbs marked with stars will be barred from import after 1925) * * *

If you ordered last year you will understand *why you must act at once* to gain this alluring reward for promptness—These are the reasons:

Our Special Border Collection

Magnificent Darwin and Cottage Tulips (as pictured above, in order from right to left).

Max Butt—Exquisite Salmon	Per 100	Per 1000
Pink Darwin	\$4.00	\$36.00
White cottage with lovely reflexed petals edged with pink	4.00	36.00
Charming, clear lavender Darwin	4.50	42.00
Art tulip of buff tinged with golden bronze	6.00	56.00
Darwin, American Beauty color	4.50	40.00
Enormous size Darwin of deep velvety purple	4.50	40.00
Glorious gold-yellow cottage	4.75	43.00

First—Knowing our tremendous selling power the great bulb growers of Holland have just come to us with stocks all complete, ready and eager to make price concessions for immediate orders far below those that will obtain next fall.

Second—by adding your order to our own large imports we can get for you not only the advantage of bedrock prices for highest quality but we can have your orders packed especially for you in Holland, thus also saving you extra packing costs, reducing the freight and import charges to a minimum and at the same time guarantee to you the pick of the new crop—the biggest and finest bulbs grown in Holland!

Think! you, too, next spring, may have just such gorgeous beds of Darwin and Cottage Tulips as are pictured above, together with Airy Daffodils and Narcissi or Dainty Hyacinths at a fraction of their usual cost if you order now. Pay for them when they arrive—about Sept. 30th, if you prefer, but send in your order lists at once.

EXTRAORDINARY OFFER

100 DARWIN TULIPS for only \$3.00

Choicest, first size bulbs, sure to bloom. Schling's Special Mixture made up especially for us from ten of the finest named varieties—not at all the ordinary field-grown mixture usually sold.

A \$6.00 value for only \$3.00 or, if you prefer—50 bulbs for \$2.00

Here are the Bulbs and Here are the Prices!

Nine splendid collections, each a wonderful value—if you order now

100 Single Early Tulips in 10 named varieties. Bloom in April and early May	Per 100 \$4.50
100 Double Early Tulips in 10 named varieties. Bloom in April and early May	5.50
100 Darwin Tulips in 10 named varieties. Immense flowers on stems 2½ ft. tall in May and June	4.50
100 Cottage Tulips in 10 named varieties. The tulips of grandmother's garden, improved. May and June	4.00
100 Breeder or Art Tulips in 10 named varieties. In form like Darwins, wonderful shades of Bronze, Buff, Orange etc. May and June	6.50
100 Narcissi or Daffodils for naturalizing and lawn planting. Airy * and medium Trumpets, short * cupped and lovely Poet's varieties, * doubles and singles on long stems, * all topsize mother bulbs	4.50

100 Bedding Hyacinths in 4 colors	10.00
100 Named Hyacinths, 2nd size, 4 varieties	16.00
100 Crocus in 4 named varieties. 1st-size bulbs	2.50

Caution—These prices good only till July 1st

Very Special

100 bulbs each of 7 varieties above (700 in)	\$31.00
or less than 400 c each	
1000 bulbs each of 7 varieties above (7000 in)	\$275.00
or less than 40 c each	

No order can be accepted at these prices later than July 1st

* * * * *



The Heralds of Spring

200 of these Lovely Spring Beauties \$6.00
—20 each of the following 10 named varieties for only

Snowdrops (double)—Snowdrops (single)—Glory of the Snow, blue—Heavenly Blue Grape Hyacinths—White Grape Hyacinths—Blue Squills (*scilla siberica*)—Blue Bells (*scilla campanulata*)—White Blue Bells—Wood Hyacinths (*scilla nutans*)—Winter Aconites.

* * * * *

Your last Chance—Bulbs marked * cannot be imported after Dec 31st.

618 Madison Ave.
Near 59th St.

Schling's Bulbs

New York
City

MAX SCHLING, Seedsmen, Inc.

Gentlemen: Please enter my order for bulbs checked on enclosed list for which I agree to pay at these special import prices when order arrives about Sept. 30.

- ☐ I am deducting 5% cash discount and enclose full payments in advance.
☐ Please send me your special "Import List" of bulbs.

Name

Address

Other special offers in our
"Import List"
of bulb collections

Shall we send you a copy?



A FEDERAL QUARANTINE effective January 1, 1926, will prohibit subsequent importation of Narcissus (Daffodil) Bulbs



YOUR LAST OPPORTUNITY to import Narcissus bulbs is forecast by the Federal Quarantine, effective January 1st, 1926.

Because gorgeous Narcissi multiply rapidly after planting, are hardy and easy to grow in almost any soil and situation, they are in great demand everywhere.

With a limited crop available in Holland, it is natural to expect price advances as the embargo approaches. The far-sighted garden owner will therefore insure future spring loveliness by investing now in an adequate supply of Narcissus bulbs while their importation is unrestricted.

This situation prompts us to offer you a special opportunity for participating in our final import order. To the garden lover desiring a mixed variety of Narcissus for naturalizing we offer a collection of 1,000 bulbs (all white, all yellow, or all mixed) for \$50.00 (all charges included except expressage from New York). Full planting directions with each shipment.

SEND YOUR ORDER NOW. You need pay no money until receipt of bill September 1st. To encourage immediate action, we will extend 20% discount on orders for this collection received before June 15th.



A Host of Golden Daffodils —dancing in the breeze

Scatter them like sunshine—and reap a harvest of gorgeous spring bloom. Naturalizing daffodils is keen sport—their trail across the spring days is one of radiance and delight—bringing sunshine into shady places.

JOHN SCHEEPERS, Inc.

Flowerbulb Specialists
for a Quarter Century

522 Fifth Avenue, New York

In view of the approaching embargo it is more than ever advisable to purchase adequate supply now for planting this fall, and thus save many later regrets. The scarcity of Narcissi resulting from quarantine, will increase the value of your investment many fold within a few months. Between now and October (when the import season ends in Holland), prices will undoubtedly advance sensationally.

ORDER NARCISSUS BULBS NOW for September delivery and Spring flowering. You will be rewarded by beautiful Spring gardens for years to come.

Guarantee your growing satisfaction by planting Scheepers' Quality Bulbs. Selected by our experts in Holland.

This month, when Spring bulbs are flowering in the garden, affords the best opportunity to decide the varieties for your next Spring garden. Write for our list.

GENERAL BULB CATALOGUE

(illustrated in color) replete with suggestions—sent on request to interested garden owners. It lists and describes the finest roots and plants for Spring flowering—of the quality for which we have long been famous. Write for your copy.



The types of Narcissi (Daffodils) illustrated are all included, with many others, in this assortment. They will flower for a month or more each year in increasing volume.



Scheepers' Bulbs are *better* bulbs, as attested by numerous gold medals and prize awards wherever exhibited, and by their high reputation in the finest gardens.

Tree Surgeons—all regular Davey employes—none obtainable elsewhere

The only thing that the Davey Company has to sell is the service of expert and reliable Tree Surgeons, whom it has carefully selected, thoroughly trained, and properly schooled. There are no Tree Surgeons except the regular employes of the Davey Company—500 in number.

The selection of these men is an exhaustive process in itself. No men are admitted, no matter how pressing the demand, except those of the right type. Unsatisfactory men are eliminated as quickly as discovered. Consequently, Davey Tree Surgeons are uniformly intelligent, industrious, painstaking, and of high personal integrity. Every man is trained before he is permitted to enter the field force of the Davey Company. This training is never done on the trees or at the expense of the client. The Davey officials, who know the Surgery values, guarantee the ability and

the reliability of the experts whom they send to treat your priceless trees.

The Davey Institute of Tree Surgery is maintained at a cost of nearly \$50,000 per year, to give scientific training to regular employes. It is open only to men already in the Davey organization; and all expenses are paid by the Company—in order that the service which you buy may be scientifically accurate and mechanically perfect.

No other professional service costs so little as Davey Tree Surgery. There is no place where you can buy so much service per dollar. Large-scale operation (\$1,250,000.00 in 1924), plus this careful selection and training, plus proper discipline, make Davey Service so reasonable in cost.

Davey Tree Surgeons are local to you—anywhere between Boston and Kansas City, between Canada and the Gulf. Write or wire Kent, Ohio.

THE DAVEY TREE EXPERT CO., Inc., 134 City Bank Bldg., Kent, Ohio

Branch offices with telephone connections: New York, 501 Fifth Ave., Telephone: Murray Hill 1629; Albany, Volckert Bldg.; Boston, Massachusetts Trust Bldg.; Philadelphia, Land Title Bldg.; Washington, Investment Bldg.; Baltimore, American Bldg.; Pittsburgh, 331 Fourth Ave.; Buffalo, 110 Franklin Street; Cleveland, Hippodrome Bldg.; Detroit, General Motors Bldg.; Cincinnati, Mercantile Library Bldg.; Louisville, 1st Bldg.; Indianapolis, Lombard Bldg.; Chicago, Westminster Bldg.; St. Louis, Arcade Bldg.; Kansas City, Scarritt Bldg.; Minneapolis, 63 Andrus Bldg.; Montreal, 912 Insurance Exchange Bldg.

Among prominent persons and institutions served by the Davey Tree Surgeons are the following:

M. J. WHITTALL ASSOCIATES
STAUNTON MILITARY ACADEMY
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AMBASSADOR A. B. HOUGHTON
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WILLIAM A. ROCKEFELLER
GOUVERNEUR MORRIS
MASONIC HOME OF MISSOURI
WILLIAM GILLETTE
SIR CHARLES B. GORDON
MORTON ARBORETUM

JOHN DAVEY
Father of Tree Surgery
Reg. U. S. Pat. Off.



Attach this coupon
to your letterhead
and mail today

The Davey Tree Expert Co., Inc.
134 City Bank Bldg.
Kent, Ohio

Gentlemen: Without cost or obligation on my part, please have your local representative examine my trees and advise me as to their condition and needs.

DAVEY TREE SURGEONS

Every real Davey Tree Surgeon is in the employ of The Davey Tree Expert Co., Inc., and the public is cautioned against those falsely representing themselves. An agreement made with the Davey Company and not with an individual is certain evidence of genuineness. Protect yourself from impostors. If anyone solicits the care of your trees who is not directly in our employ, and claims to be a Davey man, write headquarters for his record. Save yourself from loss and your trees from harm.

ELLIOTT NURSERY COMPANY

515 MAGEE BUILDING

(Established 1889)

PITTSBURGH, PA





for Your Garden

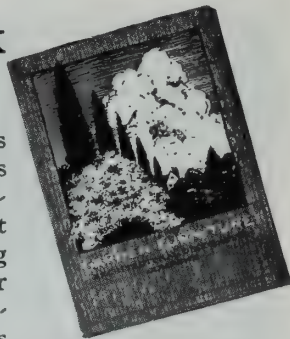
You'll find new interest and pleasure in your garden if you will put a bird bath of art stone somewhere in it. Aside from adding to the appearance of your outdoor home, it will bring the songsters flocking to your lawn as never before. Art stone bird baths come in eleven models from \$4.50 to \$45. Or, perhaps your fancy turns to sun dials or the fanciful gazing globes. We have a number of classic designs from \$29.70 to \$43.20.



A porch urn in the right place gives a touch that is a real addition. This one, at \$5.40, is a foot across and nine inches high, but you may choose one from seventy other urns and vases.

Get this 64-page Book of Garden Furniture

Two hundred and three different articles for all kinds of grounds included in this book, together with suggestions for improving your garden vistas with seats of art stone—fountains, pedestals, urns, gazing globes, sun dials, bird baths and other pieces. Prices from \$5.00 to \$850. On receipt of 10 cents we will gladly send this beautiful illustrated book.



Send the coupon and ten cents, coin or stamps, for this beautiful book.

ARCHITECTURAL DECORATING COMPANY
1610 South Jefferson Street, Chicago, Ill.

ARCHITECTURAL DECORATING CO.
1610 South Jefferson Street, Chicago, Ill.

I am interested in improving the appearance of my grounds. Enclosed is ten cents for which please send your 68-page brochure showing pictures of over 200 art stone pieces.

City

State



Their Own Yard

The gate clicks shut—then, complete privacy; enjoyment of home premises without any outside interference. A safe place for children to play. Trespassers and burglars don't like Cyclone Fence. The great protection and beauty of Cyclone Fence have made it the preferred enclosure.

Cyclone Ornamental Lawn Fence includes attractive fabrics for erection on wood posts; "Complete Fence" with steel frame work, posts, fabric and fittings; and Wrought Iron Fence in beautiful designs.

There's a dealer near you
who sells Cyclone Fence

CYCLONE FENCE COMPANY

Factories and Offices:

Waukegan, Ill. Cleveland, Ohio
Newark, N. J. Fort Worth, Texas

Western Distributors:

Standard Fence Co., Oakland, Calif.
Northwest Fence & Wire Works,
Portland, Ore.

*Style "F" Fabric
furnished in 10-
and 20-rod rolls*



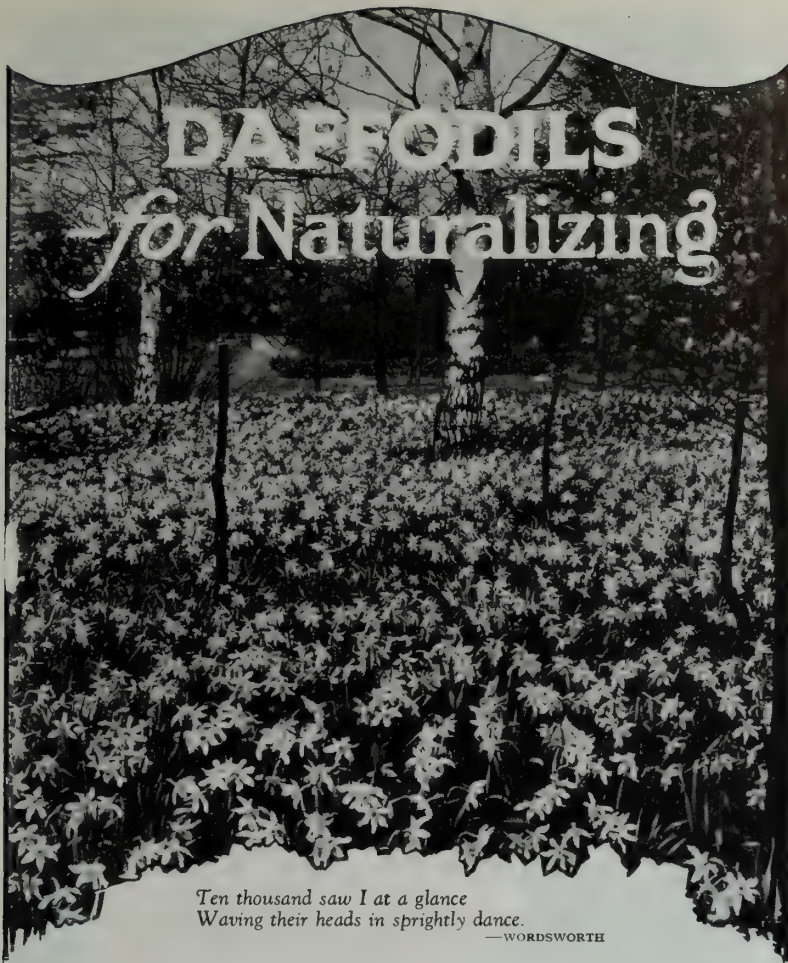
Cyclone Fence

"Galv-After" Chain Link

*The "Red Tag"
The Mark of
Quality*



PROPERTY PROTECTION PAYS



Daffodils for Naturalizing

Ten thousand saw I at a glance
Waving their heads in sprightly dance.
—WORDSWORTH

Daffodils for Naturalizing (NARCISSI)

HERE is no more useful bulbous plant than the Daffodil for planting around the home-grounds. They are equally at home in the shady location of your shrubby border or planted in clumps in your flower border, and are not subject to any particular rodent or pest.

After this year, they will not be allowed entry into our country. Ninety-five per cent of these beautiful bulbous plants are imported every year from Holland. We suggest to our patrons the advisability of planting liberal quantities this year, as bulbs procured from American-produced stocks after this year will be much higher in price.

We have arranged with our growers to produce large stocks of the best named varieties, and the mixtures are prepared to meet the various purposes and locations in which you desire to plant them.

FIVE SECTION OFFER

Prices of any of the following Sections:

\$4.50 per 100, \$40 per 1,000, \$350 per 10,000

- | | |
|-------------------------------|------------------------------------|
| A. Daffodils for Shady Places | C. Daffodils, all Yellow Varieties |
| B. Daffodils for Open Places | D. Daffodils, all White Varieties |
| E. Daffodils, all Varieties | |

Plan Your Fall Bulb Planting Now

Our 1925 Advance Bulb Catalog lists the finest varieties of Dutch, French and Japanese Bulbs for planting in your Garden or Home this Autumn. "High Quality Bulbs" has been our specialty for the past twenty-five years. Owing to the greater demand in European countries, as well as our own country, prices are higher than last year. They will be still higher in the Autumn. You are invited to send orders up to July 15th and enjoy the benefit of our low contract prices.

Send for Our Catalog Now

Stumpp & Walter Co

30-32 Barclay St.

New York City



Leviell

A special prize was given to the exhibit of Mrs. Daniel Guggenheim, a circular bulb garden



The exhibit of R. Pierson, an effective formal garden, was a gold medal winner in the Special Class

THE NEW YORK FLOWER SHOW

March 16 to March 21

THE Annual Flower Show in New York is less a great collection of expertly grown plants effectively arranged than it is the fine bold clarion call of Spring. To winter-bound citizens it comes as proof positive that the seasons are about to make a change.

It scarcely matters that most of the blooms in the Show are forced into flower by some slight artifice; the fact remains that here are flowers and the spell of winter is completely broken. This year the Show was

(Continued on page 180)



Mrs. Harold I. Pratt's informal garden of Tulips, Laurel and Hemlocks was a prize exhibit of unusual merit, showing not only splendid material but excellent design

Q

Greater Mowing Economy With the New Ideal

IN THIS—the new model Ideal—is offered new mechanical features that mean added years of service, easier operation, less up-keep and greater satisfaction. In short, the reliable Ideal upon which leadership was built has been made a *still better Ideal*.

It is a labor and money saver—certainly; but more important still it is a practical, long lived, trouble-free machine. It does the work of five or more men with hand mowers and rolls as it cuts. It builds a fine, well kept, smooth lawn at a nominal cost. Ask your nearest Ideal dealer, or write us for a copy of our latest catalog describing this new Ideal.

Ideal Power Lawn Mower Co.
R. E. Olds, Chairman
 403 Kalamazoo St., **Lansing, Michigan**
 New York, 13-19 Hudson St. **Chicago, 11 E. Harrison St.**
Dealers in all Principal Cities

IDEAL Power Lawn Mowers



Q



First it holds them up Then it knocks them out

The Secret of a Bugless Garden

IT lies in Dy-Sect. Lies there, because Dy-Sect does things that no other spray does. Not only does them, but does them easier and at less cost.

First it gasses the bugs. Then it kills them.

None get away by jumping or flying. You kill them in the soil before they get on your plants.

You kill them on your plants with least trouble.

A quart of Dy-Sect makes 12 of spray. Costs so little as 3 cents a quart.

Don't allow 3 cents a quart to stand between you and a bugless, perfect, bloom-filled garden.

Sold by dealers generally.
 Or write us for circular and prices for sending direct.

AcHorn Company
 Horn Building, Long Island City, N. Y.

Get Rid of Weeds and Grass On Paths, Drives, Cobble Gutters Tennis Courts, etc.



Don't waste time cutting or pulling tops — they grow right up again.

Destroy the roots and you have a complete job with lasting results.

"HERBICIDE" The Weed Exterminator

kills the roots as well as the tops thus preventing regrowth. One application lasts for the season. "HERBICIDE" is the original chemical weed killer and is recognized as the strongest and most effective material for destroying undesirable vegetation, including Poison Ivy.

"HERBICIDE" is quickly and easily applied by means of sprinkling cans or other simple equipment. Each gallon makes from 40 to 50 gallons when diluted. The price is: one gallon \$2.00, five gallons \$8.00, ten gallons \$15.00.

*Get it at your dealers. If not procurable there, write to us
 Be sure you get "Herbicide"*

READE MANUFACTURING COMPANY
 155 Hoboken Ave. **Jersey City, N. J.**



(A stock design, photographed in the patio of a Pasadena home.)

BATCHELDER TILES



fountain of Batchelder Tile offers an unique and distinctive means for the enhancement of the garden, patio or sunroom.

The possibilities for color are infinite....one may sparkle with contrasting glazes and textures....the soft, subdued color tones of another unobtrusively blend into its environment. All are adapted to any decorative scheme.

Batchelder designs are original, many and varied....for mantels, fountains, baths, pavements. Garden pots, fired in a variety of colors, to harmonize with the landscaping.

More complete information is embodied in the Batchelder "Describe-O-Log". Write for a copy.

BATCHELDER-WILSON COMPANY
2633 Artesian Street, Los Angeles
101 Park Avenue, New York City



Levick

This rustic bridge, clustered with Climbing Roses, was the feature of the Bobbink & Atkins exhibit, winner of First Prize

THE NEW YORK FLOWER SHOW

(Continued from page 178)

actually a prelude; the last day of the exhibition falling as it did upon the first day of Spring.

It should be known that the New York show covers a bewildering amount of space—all of two great floors in the Grand Central Palace, and part of a third. The larger exhibits are on the main floor. Here are the life-size gardens, each one planned to represent that particular authentic type which makes the best display for the plants which are to be shown in it. Thus there are Dutch gardens and small, prim, informal arrays for the growers and importers of bulbs, Rose gardens for the Rose growers, and miscellaneous types for the general nurserymen. Some of the finest gardens in the Show this year were the rock garden and the Azalea garden of Bobbink & Atkins, winners of the First Prize; the bulb garden of John Scheepers, winner of the Gold Medal; F. R. Pierson's formal garden, with its sunken panel of turf and background of Dogwoods and architecture, and Mrs. John T. Pratt's in-

formal garden, featuring excellent design as well as a gorgeous collection of Tulips in a setting of Hebe and Laurel. The first three splendid examples of the work of commercial growers; the latter exhibit of one of the country's most enthusiastic amateurs.

On the outskirts of the large exhibits on the main floor were still booths devoted to showings of special classes and varieties—such as the purple booth of Sweet Peas, one of the most colorful and stunning sights in the Show, and to various kinds of garden equipment, from plant markers to green houses.

On the floor above were more flower exhibits, and the scale model of houses and gardens shown by the Garden Club of America and by various schools of landscape design. The educational value of these exhibits, and of those of the Four Ideal Sales Homes, shown by HOUSE & GARDEN is enormous. All the principles of planning a garden are concentrated within a few square feet.



The bulb garden of John Scheepers, with its great variety of plants delightfully arranged, was the winner of a gold medal

Pep up the Garden!

**LAWNS
TREES - VEGETABLES
FLOWERS - FRUITS - SHRUBS**



EVERY growing plant, from the smallest seedling to the largest tree, will make quicker, better growth, producing more and bigger flowers of better color and fragrance, far more fruit, bigger, crisper and more delicious vegetables, if the soil is well supplied with nitrogen.

Nitrogen is the most needed plant food. Plants take up more of it than any other food and most soils are deficient in it. Nitrogen must be supplied liberally to produce abundant crops.

FLORANID—(UREA—BASF) is the most highly concentrated nitrogen fertilizer. Now offered in America for the first time. It contains 46 per cent nitrogen immediately available for plant

use. No other material equals it in this respect. From double to treble as much nitrogen as any other fertilizer.

Floranid hastens growth and improves color and fragrance of flowers and adds greatly to the quality of fruits and vegetables. It leaves no after effect in the soil.

We have prepared a booklet giving briefly and plainly the science of fertilizing, which every gardener should know. It shows how crops are wonderfully increased by the use of nitrogen. *Sent free on request.*

Floranid can be supplied in one pound cans or fifty pound bags, by Seedsmen, Florists and Nurserymen. If your dealer cannot supply send his name and address.

Kuttruff, Pickhardt & Co., Inc.
128 Duane Street, New York



Touched by a Fairy Wand

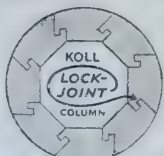
A Hartmann-Sanders Garden House—vine-covered and alluring! How it draws you into its restful shade! What a place to relax while the twilight gathers! What a note of elfin charm it adds to your grounds!

Only one of many of the products our 25 years of specialization has created for the beautification of your premises. Shelter houses. Lattice fences. Gate entrances. Rose Arbors. Arches. Trellis. All with unusual features, like the famous Koll Lock-Joint Column. All architecturally correct—beautiful, yet economical.

Catalog P 34 illustrates all. Send 30¢ for copy. Address Hartmann-Sanders Co., 2187 Elston Ave., Chicago, Ill. (New York Showroom: 6 E. 39th St.)

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PERGOLAS
COLONIAL
ENTRANCES
ROSE ARBORS



THEY CANNOT COME APART

GARDEN
FURNITURE
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ACCESSORIES

As ideal for
Golf and
Country
Clubs
as for
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Homes

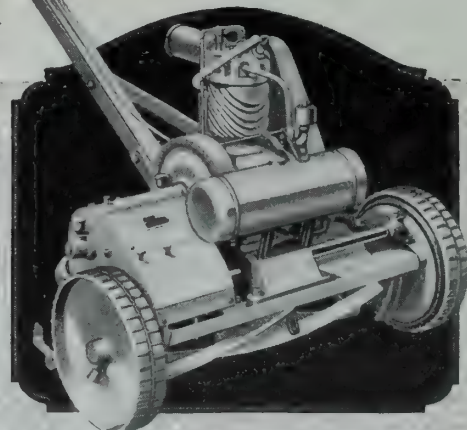
A Small Power Mower for Average Lawns

So simple a boy can operate it. Cuts a 19-inch swath at the rate of two acres a day on a gallon of gas. The clean, even cutting beautifies the lawn. Both cutting reel and traction wheels are power driven and controlled from the handle. If sticks or stones are encountered, the safety clutch slips and no damage is done.

The Jacobsen Junior Power Lawn Mower is more easily handled than a hand mower. Particularly efficient about trees and other obstructions or on terraces. Weighs only 150 pounds; price \$150.00 F. O. B. Racine, Wis.

JACOBSEN MFG. CO.
Dept. A Racine, Wisconsin

There's a Jacobsen Mower for every type of lawn. Write for literature. Demonstration arranged without obligation.



Jacobsen
Power Lawn Mowers

A plan for bulb planting



Lawler's Recurvus

that creates
beauty out of all
proportion to its
nominal cost

IT'S CALLED NATURALIZING—it's imitating nature. You have shambled through the woods and meadows, picking a flower here, going into raptures over another there, drinking deep of nature's glories. If you possess an estate, or for that matter, even a small

lawn, you may obtain a similar effect. Just take a spade and a basket of Lawler's American-grown Narcissus Bulbs. Wherever the ground is moist and the sunlight breaks through, raise the soil and plant a few. They're as hardy as the trees and shrubs—and their beauty is out of all proportion to their nominal cost.

The kind to select

Four varieties are recommended: Lawler's Victoria—large, creamy-white petals with broad, beautifully flanged yellow trumpet, \$1.00 per dozen, \$7.50 per hundred, \$65.00 per thousand. Lawler's Sir Watkin—pale yellow petals, four inches across and a bright yellow cup, frequently tinged near the mouth with orange, \$1.00 per dozen, \$7.50 per hundred, \$65.00 per thousand. Lawler's Conspicuous—refined, soft, yellow petals with a wide-mouthed yellow cup rimmed with orange-scarlet, 75¢ per dozen, \$6.00 per hundred, \$45.00 per thousand. Lawler's Recurvus—Poet's Narcissus—small white flower with brilliant red eye, 50¢ per dozen, \$4.00 per hundred, \$30.00 per thousand. Parcel Post or Express additional—add 20% for transportation.

Why Lawler's Bulbs

The George Lawler Gardens, at Garden-ville, Tacoma, Washington, are a Pacific Northwest show place. The August Garden Magazine paid Lawler's American-grown bulbs a beautiful editorial tribute. Orders are being accepted now for late summer shipment—for September planting. Bulbs are dug and cured only for orders actually on file. If you would obtain Lawler's American-grown, superior quality bulbs, send in your order at once. Volume of business that will be accepted is limited. Delay in ordering means disappointment. No order under \$2.50 accepted. Orders handled in the order received. Address George Lawler, Garden-ville, Tacoma, Washington. His catalog, featuring more than a hundred varieties of American-grown bulbs, on request.

"It's a marvel!"

So simple, too!—you hold it in the palm of your left hand—adjust the lever—tap the left hand lightly with your right—and lo! and behold, the seeds drop one by one, like little soldiers—as if they had been drilled to jump into their proper places!

And you know what that means!—it means you will be sowing seeds like a professional!—And getting a professional's sure results! No crowding or choking of seedlings—no guesswork—no waste of seeds! In fact, you don't really pay a penny for the Sowrite Seed Sower—even tho' you send us your check for \$1.00 or \$1.50—for it pays for itself the first season!—not only in seeds saved, but in better, stronger, healthier plants! (By the way, what better or more novel gift could you find for a garden-lover?)

Model B

for larger seeds, up to the size of sweet peas. Made of copper, nickel-plated. \$1.50 postpaid.

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for all fine seeds. Made of fiber-oid—transparent, indestructible! \$1.00 postpaid.

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Enclosed is \$_____. Please send me (state how many) _____

Model A, and _____ Model B Sowrite Seed Sowers, and _____

boxes Seerite labels.

Name _____

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"Seerite"

just what you have been looking for!—A perfect garden label (protected in glass tube)—neat and always readable!—for all seed beds and gardens. \$1.00 per box of eight, postpaid.

REPAYS ITS COST IN ONE SEASON

Moto-Mower Saves Time and Labor
Keeps Lawns in Perfect Condition

Owners of large estates tell us that Moto-Mower saves its cost in a single season. Fast, powerful and economical Moto-Mower cuts as much grass per day as five men with hand-mowers. Runs close to flower-beds, trees, hedges, thus eliminating hand trimming. Easily operated by rubber handle-grips, it requires little mechanical attention. A practical investment for city or country homes.



Send for further details of this capable grass-cutter

THE MOTO-MOWER COMPANY
3247 Woodbridge Street
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CHAIN LINK



WIRE FENCE



HOME outlook, as well as home inlook, is made more attractive by a fence of the right kind—a tasteful fence, a sturdy fence, an honest fence. A Stewart-Afco Chain Link Fence will command respect but discourage familiarity. And it will increase your property value far beyond its cost.

Galvanizing after weaving gives you a wire fence fabric which is as long lived as the heavy pipe framework—a durability measure in decades not merely years. The range of our designs affords you a pleasing choice.

Illustrated Booklet on request—or our representative will call if you wish.

THE STEWART IRON WORKS CO.
(Incorporated)
422 Stewart Block, Cincinnati, Ohio

And in Eastern States
AMERICAN FENCE CONSTRUCTION CO.
132 West 34th Street, New York, N. Y.

STANDARD OF



THE WORLD

In planning a Wrought Iron Fence or Gate you will want our Design Book "C"



A Bird Bath of GALLOWAY POTTERY

WILL make a delightful spot in your garden, bringing the birds with their merry notes. Our collection of high fired Terra Cottas includes Vases and shapely Jars, Flower Pots, Boxes, Fonts, Sun Dials, Gazing Globes, Benches and other pieces that will add interest to your garden, sun-room and home.

A catalogue illustrating 300 numbers will be sent upon receipt of 20 cents in stamps.

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A Garden Full of Dahlias For \$3.50



New and Rare Exhibition Dahlias

Few flowers, whether used for garden decoration or principally for cut blooms to decorate the home, are as responsive to simple garden culture as our Modern Dahlia. It has made wonderful advancement in size of bloom, habit of growth and profuse blooming qualities.

In order to further its now great popularity, we are offering this collection of

12 Dahlia Tubers for \$3.50

—one each of 12 distinct varieties, not labeled, which if purchased separately according to name would cost not less than \$10.00.

Order Your Tubers Now so as to have them ready to plant any time after the tenth of May or when all danger of frost is past.

Mail this advertisement, or present at our store, with check, money order, cash or stamps, and secure this exceptional collection, sent prepaid to any point in the United States.

Our 1925 Spring Seed Annual sent on request

Stumpp & Walter Co

30-32 Barclay St.,

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New York City

Bobbink & Atkins

Ask for
Catalog



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Nursery

ROSES

SPRING PLANTING

An illustrated complete list of Roses is now ready to mail. Many Roses are beautifully portrayed in color, among them are new and unusually attractive varieties. This list of Roses is the most complete and unique ever published. We have several hundred thousand rose plants ready to ship. Your choice can be made from this list.

HARDY BORDER CHRYSANTHEMUMS

We have made this collection of twelve of the large flowering varieties in a range of colors of this now popular border plant.

Boston—Orange bronze	Summergold—Yellow
Bronze Source D'Or—Light bronze	Winnetka—Cream white
Carrie—Yellow	Captain Cook—Dark Rose
Champagne—Reddish bronze	Lillian Doty—Pink
Eden—Pink	Golden Climax—Yellow
Mrs. Henry F. Vincent—Orange	Cranford's White—Early

Collection of twelve \$2.00

Hardy Herbaceous Plants

A catalog of old-fashioned Flowers, Hardy Chrysanthemums, Delphiniums, Trollius, Astilbes, New Anchusas, Japanese Anemones, New Heucheras, Phlox, Hardy Asters, Rock Garden Plants in large variety. Beautifully illustrated in color and black. There is an alphabetical table, indicating Flowering Period, Height and Color.

EVERGREENS, TREES, SHRUBS and VINES

In your request for catalog, it is important to state definitely what you intend to plant

BOBBINK & ATKINS

RUTHERFORD, NEW JERSEY

Nurserymen & Florists

Early Care of the Lawn Makes for Beauty Later



The care that you give your lawn now is reflected in its finish later on. Successive light rollings now with each cutting firmly imbeds the earth around the grass roots, smooths out all uneven spots and promotes an even, healthy growth.

Coldwell's Model "L" Motor Lawn Mower and Roller rolls and mows simultaneously six acres a day on one gallon of gasoline. And when equipped with the new Detachable Gang Units its cutting capacity is more than doubled. Efficient, economical and easy to operate. We shall be glad of an opportunity to show you something of its dependable performance by arranging with our nearest dealer for a demonstration on your lawn. Detailed literature will also be sent upon request.

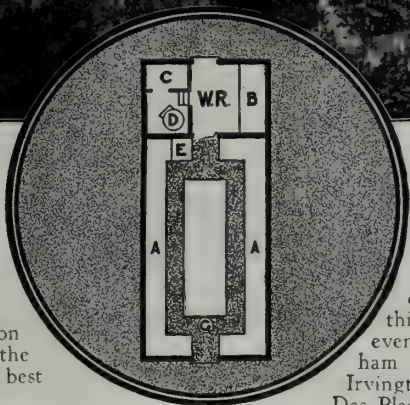
SINCE 1867
COLDWELL

DEPENDABLE LAWN MOWERS

Hand · Horse · Motor · Gang

COLDWELL LAWN MOWER COMPANY, NEWBURGH, N. Y., U. S. A.

Glass Gardens



It has a complete iron frame, and the wood is the best of cypress.

The price includes everything, complete, even to a Burnham boiler, f.o.b. Irvington, N. Y. or Des Plaines, Ill.

For So Little As 1650 Dollars

FOR so little as \$1,650, you can now secure the complete materials for a house 16 feet wide and 33 long. A house having a goodly sized garden plot, and its own snug little work room.

A house fully equipped with benches, ventilating apparatus, and a complete heating system, outfitted with no less than a genuine Burnham greenhouse boiler.

The frame is entirely of steel. The wood is the best of cypress. All materials are given one coat of a special greenhouse paint before shipment, and an ample quantity furnished for two more coats when the house is up.

Here then, is one of the finest little all around Glass Gardens money can buy. We are frank in stating, that it has no equal for the money.

It can be built alone; attached to your garage; or directly to your residence. Some are buying them for winter play places for their children, where they can romp in the sunshine all the glad day long. Therein, may also be a thought for you.

Glad to send you a circular giving full particulars of the house and its equipment.

Lord & Burnham Co.

Builders of Greenhouses and Conservatories

Eastern Factory
Irvington, N. Y.

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St. Louis
704 E. Carrie Ave.

Montreal
124 Stanley St.

Buffalo
Jackson Bldg.

Toronto
Harbor Comm. Bldg.

Greenboro, N. C.



DIXY DUYER

The garden room is paved with broken flag and from its beamed ceiling hang baskets of delicately trailing ivy that soften the austerity

WALLED GARDENS for INTIMACY

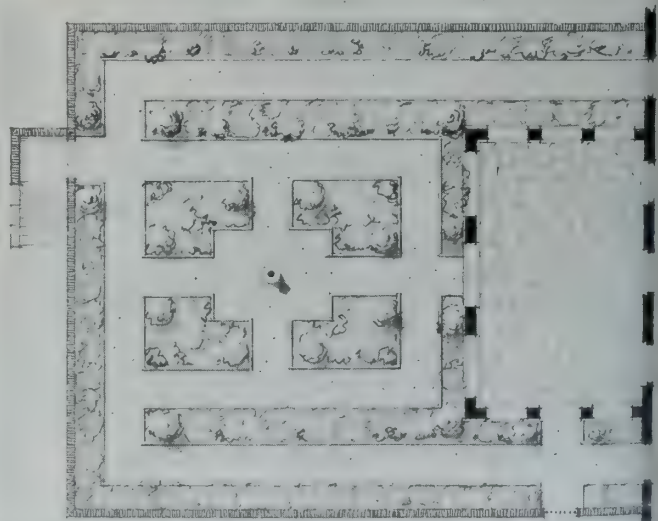
MINGA POPE DURYEA

A WALLED-IN garden always gives one a feeling of intimacy and content. It shuts out the world by its brick, vine covered walls and seemingly brings its delight closer than ever to you.

This walled-in garden and its open garden room, by reason of its size, delightful proportions and arrangement, is particularly intriguing and its delights are brought closer still by reason of its diminutive size. At the end of the garden is a flight of brick steps leading down into the garden of a lower level, while at the left of the picture, is the quaint old arched iron gate that leads out upon the terrace in the rear of the house. The red brick walls of the garden are almost completely covered with the various flowering vines: Clematis, Honey-suckle, and all the varieties of the climbing Rose in white, pink, yellow and deep coral. At the base of this wall and forming two long beds at the right and left of the house are

herbaceous borders edged with dwarf box. The general feeling, the predominance of color is that of coral pink and the tall stalks of Delphinium. Snapdragon too, figures in rose and fire color, while the beds in the center are planted thick with the fragrant Heliotrope.

The little garden gives one an impression of another period. Too many houses in America boast of these retreats wherein we can draw away from the confusion and bustle, find our favorite books and think our happier thoughts; for in this age of excitement and tension we crave a spell of our own, in which to steal away and lose ourselves. Such a spot as this can be literally lived in all summer. Breakfast may be served here, and you may start a day in peacefulness, or in the evening, finish it in rest and quiet. Yes, these secret places of the corner of the house should be more often thought of and planned with loving care.



Just within the brick walls with their vine covering are long herbaceous borders edged with box. Heliotrope fills the four central beds



**AUTOMATIC OSCILLATING
LAWN AND GARDEN
SPRINKLER**

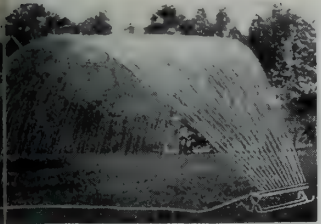
A rain making machine

SPECIAL FEATURES
It is small, light and portable
It waters a rectangular area
evenly and gently, like a rain
is excellent for watering seedlings

Models have new improved motors

Area Covered	Gals. per minute	Water Pressure	Price
4 9x35 ft.	3	25 lbs.	\$15
6 14x45 ft.	3 1/2	25 lbs.	\$15
8 24x45 ft.	5	30 lbs.	\$18

Express or Parcel Post Delivery



Price and Satisfaction Guaranteed

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100 Acres of them. We
are the largest Dahlia grower
in the World; an enviable
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only by the appreciation of
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Send for our catalogue
showing the World's largest
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Last year grew 13 in-
ches in N. J.; 12 1/2 inches
in California; 11 to 12 in-
ches everywhere) and 13
other varieties in natural
colors.

The leading American
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plain truth about nearly 600
of the World's best varieties.

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a new cage entirely
of *Pyralin*



Teach Children
to Love Birds —

Have a songster in your home. Lively, cheerful, lov-
able—he'll sing his way into your children's hearts and
they'll grow to love animals.

This new cage, entirely of *Pyralin*, will make him an
ideal home. *Pyralin* is hard, smooth, and sanitary, and
there are six beautiful combinations of permanent colors
to choose from. May we send you a folder in colors?

*Hendryx Cages with Floor Stands to Match
Are Made in Several Hundred Designs*

 **"HENDRYX" BIRD
CAGES**
Since 1869

The Andrew B. Hendryx Company, New Haven, Conn.

This interests You because ~

You want a better Lawn,
brighter Flowers, earlier and
finer quality Vegetables

A Lawn in Two Weeks—Just sprin-
kle your lawn with *Soilgro* and you
get a healthier and stronger sod.
Grass seed inoculated with *Soilgro*
often sprouts within three days.
Several lawns were mowed within
two weeks after seeding last fall.

Prize Flowers—*Soilgro* was respon-
sible for plants and perfect blooms
that won flower show awards last
year.

String Beans in Five Weeks—One
Soilgro user reports string beans for
his table five weeks after planting.

Corn and Potatoes—Equally remark-
able results were secured with corn,
cauliflowers and potatoes, with straw-
berries, cucumbers and tobacco.

Miracles of Nature—*Soilgro* results
are miracles of Nature, for *Soilgro* is
not a chemical fertilizer. It consists
of the beneficial bacteria of fertile
soil which science has discovered
govern the growth of plants. What-
ever has roots grows better after a
Soilgro treatment.

Changes Fertility into Plant Food—
Soilgro bacteria make the food in the
soil or added to it available for
plants. They greatly increase growth
where commercial fertilizers or ma-
nure are present. Good crops have
been grown without the use of any-
thing but *Soilgro*.

Easily Applied—*Soilgro* comes in
two packages. One contains the
bacteria. The other is bacteria food.
Simply empty the two packages into
a clean tub, bucket or barrel, add
four gallons of clean water and let
stand five days. Then put a pint of
the *Soilgro* liquid into a five-gallon
sprinkling can. Fill with water and
sprinkle your lawn or garden or in-
oculate your seeds for planting. This
five-dollar size provides enough *Soil-*
gro for a good-sized lawn, flower gar-
den and kitchen garden.

Write for Soilgro Booklet—For in-
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Soilgro to do, write for our booklet,
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Ages to Work on Lawns, Flowers
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Please send me your booklet entitled:
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Work on Lawns, Flowers and Vegetables."

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Let Fiske Fence Your Tennis Court



Archways
Stock sizes 18 and 30
inches wide. All span a
four foot walk and are
seven feet high. Galvan-
ized after they are made;
absolutely rust-proof.

18" - \$13, 30" - \$15
Mail Orders Filled

KEEP the balls within the court with an
enduring and sightly enclosure high
enough to be a satisfactory backstop.

One sure way to satisfaction is a Fiske
Tennis Court Enclosure—which is a
complete protection of sturdy, rust-proof
fencing running from ten feet high to
any height you wish.

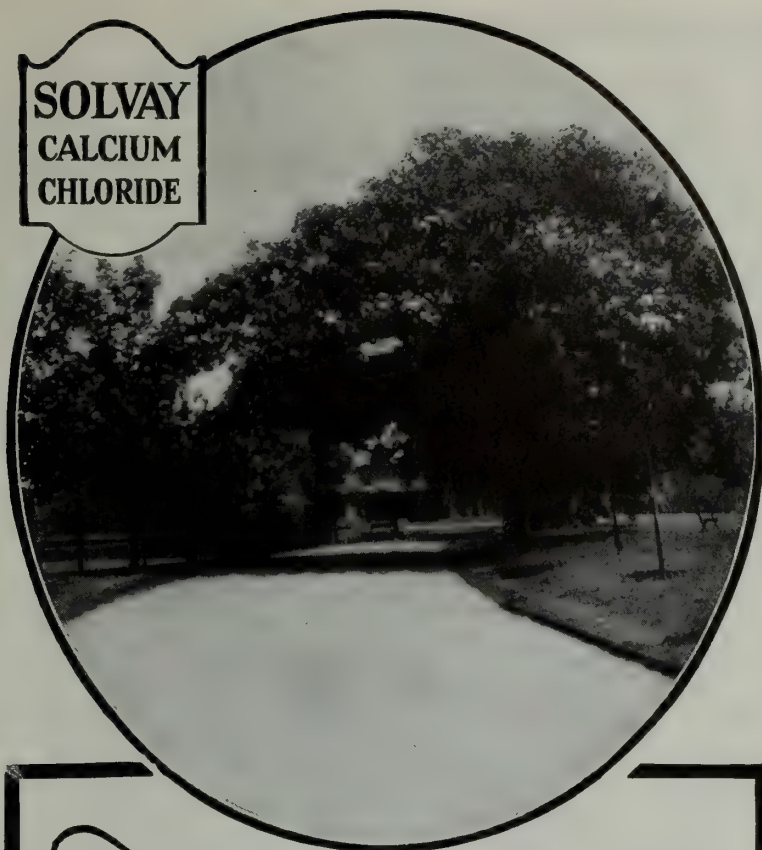
The fence comes right to the ground
line, and the mesh is too small to allow
a fast ball to drive through. Used on
club and private courts everywhere.

We contract to do the installation work;
or we will furnish plans and blueprints
with full erecting instructions.

Let Fiske Fence Your Tennis Court
Write for Catalog 15

J.W.Fiske IRON
ORNAMENTAL IRON WORK
80 Park Place ~ New York
ESTABLISHED 1858

SOLVAY CALCIUM CHLORIDE



THE approach to the grounds is of utmost importance, and a smooth, compact, dustless, weedless road adds immeasurably to the attractiveness of the general picture. The ideal road is the Solvay treated road. Send for the Solvay Road Book, and see how easy it is to maintain perfect road surfaces.

Tennis courts are wonderfully improved by Solvay—makes a fast, smooth, weedless surface, free from sun glare. Write for Booklet No. 1357

THE SOLVAY PROCESS COMPANY

WING & EVANS, Inc., SALES DEPARTMENT
40 Rector Street, New York



A Year 'Round

Beauty Spot

There is no finer recreation than gardening. Just think of the delight of planting and pruning and plucking your favorite flowers and vegetables, during the bleak months next winter, in a cozy little greenhouse all your own!

Callahan Greenhouses

Callahan Greenhouses are built in completely finished unit sections. They are shipped painted and with all glass installed ready for easy assembly and erection. Only the finest of cypress is used in the construction of Callahan Greenhouses. The cost is surprisingly low.

Write NOW for the FREE Greenhouse Book

The T. J. Callahan Co.

505 Stout Street

Dayton, Ohio



PESTS IN THE FRUIT GARDEN

APHIS. Many forms. Some bright green, others reddish or clay color (as the rosy aphid of the Apple), or black (as the Cherry aphid and Peach-root aphid), or covered with whitish cotton like material as in the Woolly aphid.

Occur throughout the season usually on foliage, sometimes on roots of Apples, Peaches, Plums, Cherries, bush fruits, cane fruits (as Raspberries), etc.

When on foliage apply 3% nicotine dust or nicotine spray soon as the insects appear. If eggs are present use oil sprays as soon as they are hatching in spring.



APPLE blotch and Bitter rot. Attack the leaves, fruit branches, principally in the Central and Southern belts.

Occur throughout the season. Winter over in the canker on the trunks and branches.

Spray or dust with copper sulphate-lime three or four times after the fruit is set.



BLISTER mite. Small mites entering between upper and lower surfaces of leaf cause reddish or brownish blisters.

Live throughout the season; badly infested leaves fall early. Attack Apple and Pear.

Delay application of spray for San José until leaves are well along, which kills the newly hatched mites.

FARR'S SUNRISE COLLECTION OF SPRING BLOOMING BULBS

Coax Spring into your 1926 garden with these lovely Sunrise Collections of Holland bulbs. When Spring comes her path will be lined with Daffodils, Tulips, Hyacinths and Crocus—

*"Brimming the April dusk with color—
Cheering the morn with glow."*

Economical and Useful Collections

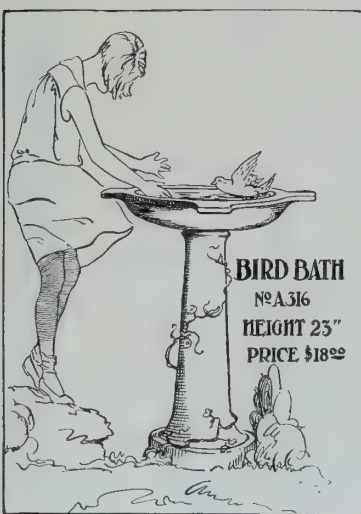
50 Narcissi in mixture	\$2.50	50 Cottage Tulips, assorted	\$2.75
50 Single Early Tulips, assorted	2.75	50 Dbl. Early Tulips, assorted	2.75
50 Darwin Tulips, assorted	2.75	20 Hyacinths, mixed colors	3.75
50 Breeder Tulips, assorted	2.75	100 Crocus, mixed colors	1.50

**1925 Sunrise Collection (420 bulbs)
complete, Parcel Post Prepaid, for only \$18**

A collection of half quantities will be sent for \$9.50 postpaid. If any one or two parts of this collection are not desired they may be deducted at cost. Example: The 1925 Sunrise Collection excepting Cottage Tulips would amount to \$18 less \$2.75 or \$15.25.

Our catalogue of **Better Bulbs—by Farr** will be mailed on request to any reader of this magazine.

BERTRAND H. FARR—Wyomissing Nurseries Co.
106 Garfield Avenue
Wyomissing, Pennsylvania



Brings the Birds

Songs in mysteriously sweet keys—the voices of ever welcome birds. Invite them with a Wheatley Bird Bath.

Beautiful designs in Plymouth Gray and Old Ivory enhance the attractiveness of your garden, contrasting harmoniously with the grass, foliage and colorful flowers. Our illustrated catalog will be sent to you upon request.

Dealers' attention invited

THE WHEATLEY POTTERY COMPANY!
4617 Eastern Ave., Cincinnati, Ohio

Aphine

The recognized Standard Insecticide

KILLS PLANT LICE

For over fifteen years, careful gardeners, both amateur and professional, have been using Aphine successfully for the extermination of plant lice, such as green, black and white fly (the thrips), soft scale, and the leaf miner, currant and cabbage slugs.

Aphine is free from all disagreeable odors, can safely be sprayed on flowers, fruit and vegetable plants both house and garden. Roses, peaches and chrysanthemums thrive. Aphine is the safest and most effective insect exterminator money can buy.

Try a can: Quart, \$1.00; Gallon, \$3.00. Barrel lots, \$2.50 per Gallon.

FUNGINE

For mildew, rusts and other blights on flowers, fruits and vegetables. Quart, \$1.00; Gallon, \$3.00.

VERMINE

For eel worms, angle worms, root lice, etc., working in the soil. Quart, \$1.00; Gallon, \$3.00.

Your Dealer Can Supply

If not, we will ship direct upon receipt of check or money order.
APHINE MANUFACTURING CO.
Madison, New Jersey

PESTS IN THE FRUIT GARDEN

BORERS. Grubs live under the bark of the trunk, usually near the ground level.

Known by the sawdust piles and gum on Apples, Peaches and other fruits.

Cut the bark and dig out the borer. In peaches spread paradichlorobenzene in September 2" from the trunk, at the base of the tree and cover with soil, remove in three weeks.



BUD moth and case bearers. Small caterpillars of various colors. Early in spring these attack the opening buds of leaves and flowers of several fruits and nuts.

Cover opening buds and leaves with arsenate of lead.



CANKER worms. The name is sometimes applied locally to one of several leaf-eating insects.

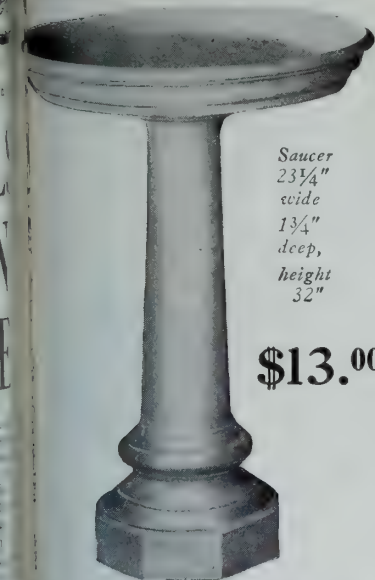
In spring, summer and fall on Apple and other fruits.

Dust or spray with arsenate of lead.



CATERPILLAR, tent. Striped caterpillars in large masses in webs or "tents".

The "Bob-o-Link" BIRD BATH



Saucer
23 3/4"
wide
1 3/4"
deep,
height
32"

\$13.00

Height 32" Saucer 23 3/4" Wide 1 3/4" Deep No. 410
Surely crated and F. O. B. the R. R. Base specify "Marble or Granite" when ordering

Especially priced and designed for the medium sized garden, in excellent proportion and of proper size and depth to suit your feathered friends.

One of either Crushed White Marble or Granite as you prefer by our special process which allows us to fully warrant our products to remain beautiful and serviceable thru time and weather.

A beautiful catalog of all kinds of Garden-Ware sent upon receipt of 20 cents in stamps, to be refunded with your first order.

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A NICE lawn fence protects your grass, flowers and shrubs, and gives your home an atmosphere of privacy not otherwise obtainable. In such a protected lawn your children can play, safe from speeding automobiles, fighting dogs, even safe from undesirable playmates.

Pittsburgh Perfect Ornamental Lawn Fences are exceptionally neat and attractive, and enhance the appearance of any lawn. They are made of heavy wires, Super-Zincd for great durability. Scrolls can not pull out. The many, closely spaced upright wires bar chickens and keep the fence always trim and erect.

Be sure to get our illustrated booklet, "Lawn Fences that Protect and Beautify," mailed FREE upon request.

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752 Union Trust Building
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Gentlemen: Please send me, FREE, Your Booklet "Lawn Fences That Protect and Beautify"

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Rare Plants From Hicks

THOSE old stately Yew specimen hedges — for years the pride of England, and which you have longed to have in your garden—can be reproduced in American gardens and estates with

Hicks' New Hardy Yew

(*Taxus media hicksi*) raised in our nurseries. Hicks' new Yew has almost the identical habit of the Irish Yew, and the hardiness of the Japanese Yew.

1 to 1 1/2 ft. specimens
\$5 each

PLANT HUNTING for the newer, rarer sorts is a great pleasure in Hicks Nurseries for there are many unusual kinds of great beauty and usefulness. Plan to visit the nurseries this spring.

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The DOUBLE ROTARY sprinkles "like a gentle shower" over an area 15 to 80 feet in diameter, according to water pressure. Rotates in a perfect circle. Water is forced against the wheel and cut into drops like rain. Durable built of interchangeable parts. Self-operating; needs no attention. A great labor and time saver. Order from this advertisement at low Factory Price subject to our Satisfaction or Money Back guarantee.

DOUBLE ROTARY SPRINKLER CO.

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Price
\$12.50
Postpaid

Order on approval. If not satisfactory in every way, return sprinkler and your money will be refunded. Descriptive literature on request.



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WOULD you like to have more and better flowers and vegetables from your garden—your borders and lawn kept in perfect condition—WITH LESS LABOR? The Skinner System of watering will help produce these results for you—easily, certainly, economically.

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It's Free!

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231 Water St.

Troy, Ohio

SKINNER
SYSTEM
OF IRRIGATION

PESTS IN THE FRUIT GARDEN

Early in spring; "tents" at first inconspicuous, gradually enlarged. On Apple, Cherry, and other trees.

Destroy egg masses in winter; dust or spray with arsenate of lead.



CODDLING moth. Makes the "wormy" apple. The worm hatches after the apple is formed and often enters the apple at the calyx end, eating these a while before penetrating the apple to the core to eat the seeds. Sometimes three or four broods.

In spring and summer it attacks Apples, Pears, Quince, some nuts.

Dust or spray with arsenate of lead just after petals fall and before the sepals close to coat the calyx cup with arsenical poison. For later broods keep growing leaves and fruits covered with an arsenical poison, giving 2 or 3 applications at 10 day to 2 week intervals after the petal-fall application.



CURCULIO. Small snout beetles which puncture fruits leaving the well known crescent shaped mark.

Sometimes the damage is done from early summer to fall, when the fruit is punctured. Apples, Peaches, Plums, etc.

Keep foliage and fruit coated with arsenate of lead.

Mrs. Calvin Coolidge

A WONDERFUL new hardy garden rose, should be in every garden. Color deep golden yellow, which deepens to orange as the flower develops.

Extra strong fieldgrown plants, 2 yr. old, \$1.50 each, \$15.00 per dozen; strong 1 yr. old fieldgrown plants, \$1.00 each, \$10.00 per dozen. Postpaid on receipt of above prices.

For complete list of Roses, see our Nursery list mailed on application.



Abelia Grandiflora

A BEAUTIFUL small shrub, almost evergreen, the flowers of which resemble or suggest the Trailing Arbutus; is of graceful habit. It has small green, glossy leaves, turning to a bronze towards fall. The flowers are white, tubular-shaped, which are produced along the branches in abundance from early Summer until fall.

Strong plants from ground 50c each, \$5.00 per dozen. Mailed free at above prices.

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Ideal for Windows, Ledges, Porches, Sun Parlors, Etc.

*Have the Joy of an
All Year Around Garden*



Sub-irrigating
Self-watering
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Rust-proof

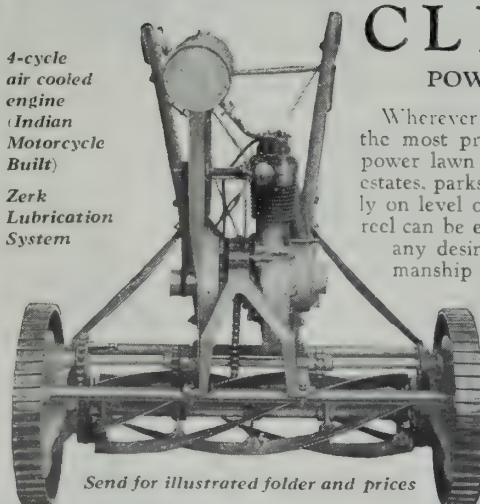
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NEW HEALTH and VIGOR For WORNOUT SOILS



You cannot keep taking from the soil and continue to get a par yield from it.

Put back into it that all-important element upon which plant growth depends — Nitrogen. Of all humus — and tests prove it —



**S O D U S
H U M U S**
The Essence of Fertility

is richest in nitrogen. Its use is positive assurance of a maximum yield from the soil it fertilizes.

If you are engaged in plant growth of any kind, you will find the use of Sodus Humus very beneficial.

Try a 2-bushel sack and whenever you fertilize you will prefer SODUS. Sweet and odorless.

"Humus and its Relation to Plant Growth," an authoritative 32-page book free on written request.

SODUS DISTRIBUTING CO.
194 Main St. Benton Harbor, Mich.

PESTS IN THE FRUIT GARDEN

CURRENT worm. Green worm with black spots about 1" long.
Usually first on lower leaves of Currant and Gooseberry.
Spray with arsenate of lead as soon as fruit forms; usually this is enough, but if necessary to spray after, use hellebore.



LEAF hoppers. Small yellowish or whitish hoppers.
Live throughout summer and fall, feeding on leaves, causing them to turn brownish. Apples, Grapes, etc.
Dust with 3% nicotine, dust on a bright, still hot day. This will destroy almost any insect life.



LEAF rollers. Greenish worms which roll the leaf, also eat the fruit.
In summer and fall, on Apples.
Give dormant oil spray to destroy eggs. If serious, dust foliage with clear arsenate of lead.



PEACH leaf curl. Causes the leaves to blister, curl and fall off.
In spring and early summer on Peaches.

THE MILBRADT POWER LAWN MOWER



A Beautiful Lawn Adds to the Beauty of Your Home

The MILBRADT Power Lawn Mower now makes play of the grass cutting job. It is a sturdy, simply built machine, so easy to operate that a boy can run it. The finest kind of a motor furnishes power to enable the machine to climb any grade and cut all kinds of grass. Cuts around flower beds, trees and bushes, no trimming being necessary. Shipped to responsible parties subject to trial.

Write for catalog and descriptive literature.

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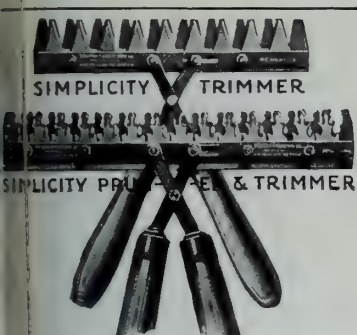
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Trimmer \$4. Pruner and Trimmer \$6
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EMPLICITY
TRIMMERS & PRUNERS

If Every Gardener Knew What Some Gardeners Know

There never would be any doubt about success with Waterlilies. They can be grown in any garden; not as much trouble as ordinary annuals. Hardy varieties may be planted in late May; tender varieties in June. You can learn how easy Waterlilies can be grown by sending for

My New Catalogue

which tells how to grow them in tub or pool: features the best varieties, both in white and colors, for the beginner in water gardening. A copy of this booklet will be sent on request.

WILLIAM TRICKER, Waterlily Specialist
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by using a "Clean Edge" Trimmer on the borders and edges

A TIME and LABOR SAVER—WORKS LIKE A SHEAR

Trims around trees, shrubbery, walks, and edges. No cutting of turf or preparation of any kind required. A necessity on even the smallest lawns. We sell direct.

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For your Flower and Vegetable garden, Evergreens, etc. For Box Mite, Rose Bugs, Lace Fly, Spruce Gall, Red Spider, Aphis, Thrip and other insects. Recommended by the Officers of the Garden Club of America.

Write for the circular that proves "why bugs leave home"

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1 gallon can \$ 3.00
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A new and better way—

"LITTLE WONDER"

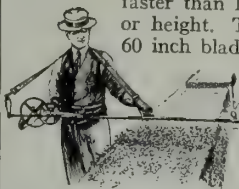
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operates either by hand or electric power

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Saves time, labor and money. Does better work 10 times faster than hand shears. Adjustable to hedges of any shape or height. Thousands now in use. Three sizes, 30, 40 and 60 inch blades \$20 up. Lawn clipping attachment \$15 extra.



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At your dealers or direct from

DETCO MANUFACTURING CO.
P. O. Box 202 OAKS, MONTG. CO., PA.

Agents
Wanted

PESTS IN THE FRUIT GARDE

Spray or dust in fall or very early spring before buds start with copper sulphate-lime, lime-sulphur or other fungicide.

RED spider, clover-leaf mite. Sucks the sap, causes foliage become dry and leathery.

Summer and fall, on Apples, Raspberries and a great many fruits.

Dust with 3% nicotine or sulphur if 80° F. or over. Need be repeated in 5 days to destroy newly hatched broods. To destroy eggs give dormant oil spray.



ROT, Black. Downy mildew, Bitter rot. Fruit turns purple-brown or downy and shrivels.

In summer, on Grapes.

Spray or dust with Bordeaux as soon as out of bloom and repeat at 10-14 days interval for 2 or 3 times. Put a bag over each bunch.



ROT, brown. Attacks the fruits, leaves, twigs and forms cankers on branches.

Throughout the season. Known by the cankers on limbs, brownish dead leaves and twigs, brownish and mummified fruits. Peaches, Plums, Apricots and sometimes other fruits.

Use sulphur dusts or sprays throughout the season, except on Apricots for which fruit heavy Bordeaux sprays are given in bloom.

\$7.50



(Wired) Wall
Bracket or
Chain

For the
Dark Places

The charm of Homart hammered iron lanterns can only be imagined until you actually see their quaint beauty.

There are thirteen appealing designs with wall brackets or chain hangers—very moderately priced at \$6.50 to \$19.00. The frame work and hangers have the natural old iron finish with transparent protecting lacquer. The glass is opalescent white. Amber glass, 50¢ additional.

We shall be pleased to ship on approval. Purchase price refunded if not entirely satisfactory. In ordering by mail, include fifty cents for packing and postage.

Write for Descriptive Folder
Dealer Inquiries Invited

Homart Studios
227 Fulton Street
New York

120 Bulbs \$3
12 Months Sub.

"THE FLOWER GROWER"

Entirely Unique Among Monthly Magazines

THE FLOWER GROWER is all that the name implies AND MORE. It tells all about flowers and it tells many other things of interest to those who aspire to better living conditions and more beautiful surroundings. It teaches balanced activities and a sane perspective.

Departments for the Rose, Dahlia, Iris, Peony, Gladiolus, and other flowers, Queries and Answers, Musings, Timely Suggestions, Our Birds, and many other helpful and interesting things. An editorial department and an EDITORIAL POLICY, which is strangely lacking in most magazines.

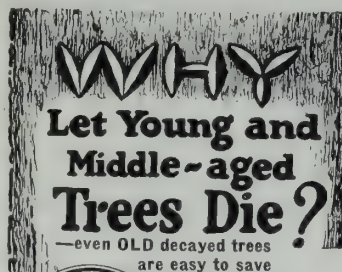
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OFFER: 120 Gladiolus Bulbs grown in the Editor's own garden, postpaid, and a year's subscription (12 issues) both for \$3. By far the best value I have ever given. You cannot fail with these bulbs.

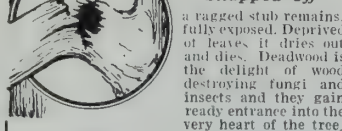
Plant the bulbs, watch them bloom, read The Flower Grower, and see what happens.

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Luther Burbank
says:—"No other so
thoroughly
practical, well edited, and
generally interesting."



A Limb
Snapped Off



Write for free booklet
written by one of the foremost arboriculturists. Tells all about tree ailments and how to easily heal them.

The Newbark Company, 4-10 Orchard Road, Clinton, N. Y.

A Small Patch of Bark Nicked Off
anywhere on the tree

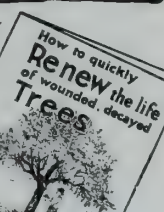
Wound appears trivial—but the white wood dries, cracks form, insect borers and fungi enter and soon it is a dying tree.

An Old Wound
The bark may be "growing over" but if it was unprotected decay is probably well advanced.

Let Your Gardener Be Your Tree Surgeon With

Newbark
Plastic-Tree-Saver

Newbark—a natural tree salve, is an antiseptic, plastic preparation quickly applied, to protect all wounds of bark or limb. It kills and keeps out germ infections, parasites, insects, fungus growths, and tree diseases. For tree surgery and repair work. Stays plastic. Will not crack. Satisfaction guaranteed.



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Distributed in neat containers: 5-pound, 10-pound, 25-pound, 50-pound, 100-pound.

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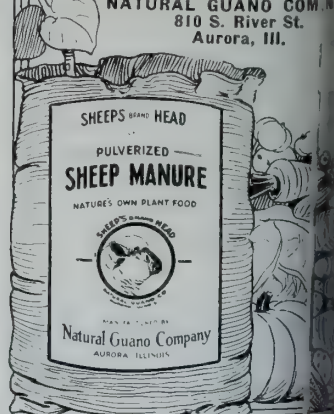
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NATURAL GUANO COMPANY

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Aurora, Ill.



ESTS IN THE FRUIT GARDEN

AB. Causes dark colored spots on leaves or fruit.

Throughout season, spreads most during spring. Apple and

pray with lime sulphur before blossoms open, after blossoms
and two weeks later; burn leaves and twigs in fall.



ALE, oyster shell. Dark brown scale like elongated oyster
shell about $\frac{1}{8}$ " in length, the young resembling active whitish

throughout season, young hatching in May or early June.
and other fruit trees.

as for San José; also nicotine or kerosene emulsion as
young hatch.



ALE, San José. Minute, yellowish, sucking insects covered
with small shell or scale, the size of a pin-head; presence
indicated by gray scurvy appearance of bark, and minute red
spots on fruit.

Throughout season; multiplies with extraordinary rapidity.
and other fruit trees.

Diamond sprays in early spring or fall, with lime sulphur or
sprays.



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ROSES

All the old friends and the newest
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*Write for descriptive catalogue, contain-
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Purchase (near Rye Lake) White Plains, N. Y.



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the perfect picture?
Then choose from the Felstone
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BILTMORE - NORTH CAROLINA

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color and perfection by keep-
ing plants, leaves and buds
free from aphides (plant lice) and
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Aphis



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Quality Lawn Mower
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STAYTITE Handle.

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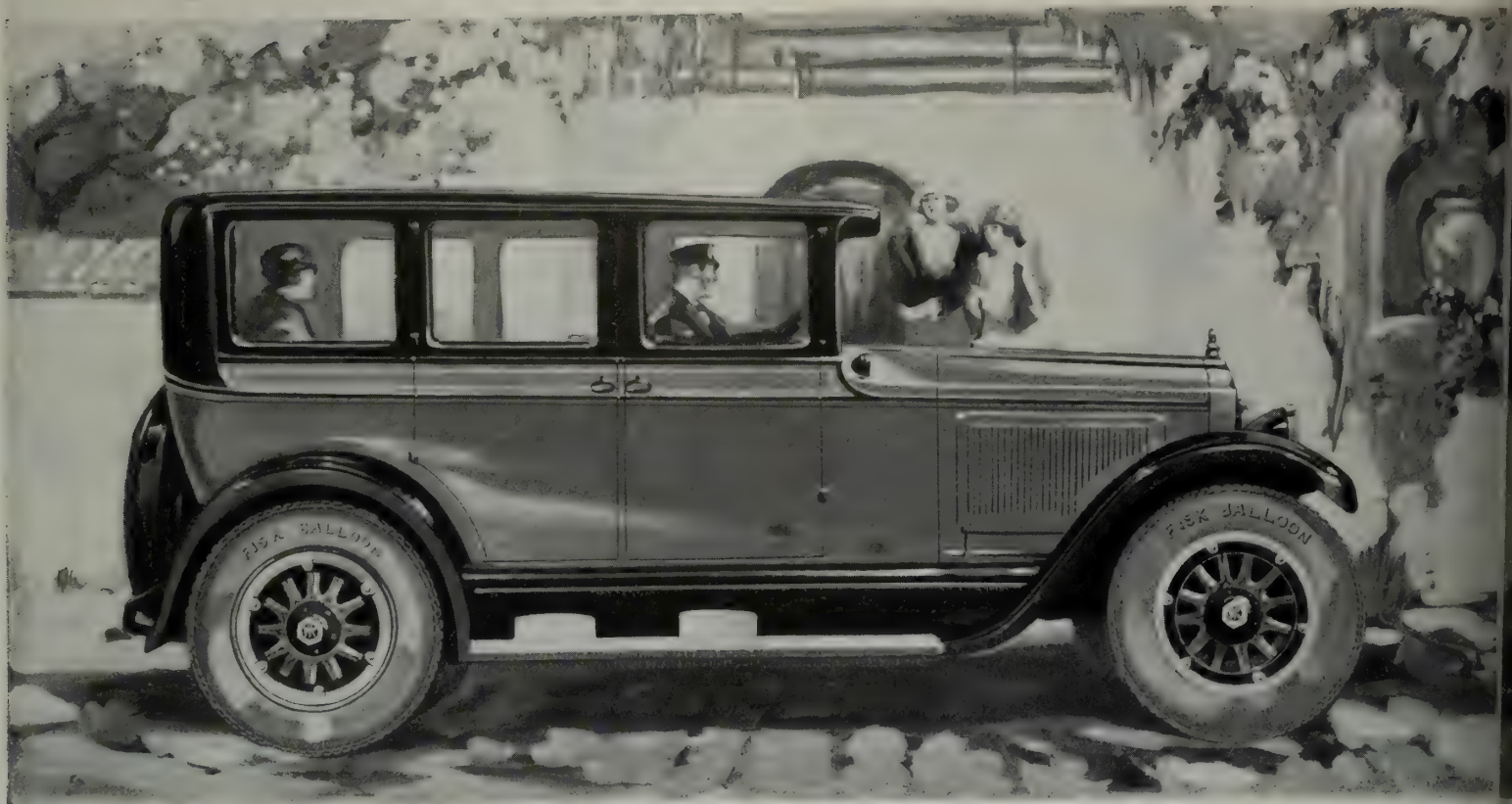
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SIX
For those who want the Finest



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THE greatest thrill in life comes with the planning, building and furnishing of a real home. It is a thrill which turns in time into lasting happiness and is the one objective to which we all look forward.

A real home is one of beauty, permanency, economy and lasting satisfaction, and the proper selection of materials which meet these requirements is absolutely essential.

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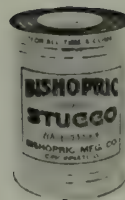
You must know the wonderful story of Bishopric Base and why it is the logical background or foundation for stucco construction; how it locks the stucco to the wall, increases its strength and adds to the investment value of your new home.

Write today for your copy of "Bishopric For All Time and Clime." There is no obligation and we send it to you with the assurance that you will receive valuable information for the building of your new dream home.

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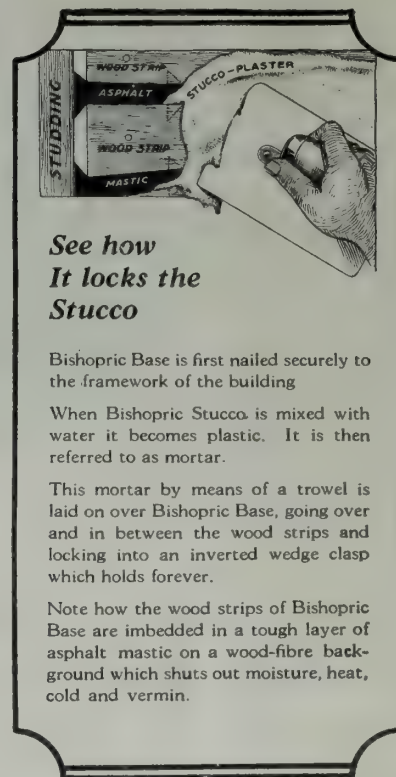


Bishopric Stucco is shipped in hermetically sealed metal drums. There is no waste or deterioration in storage and you are assured of absolutely fresh new material. The Roll and the Drum meet with the endorsement of architects, builders and satisfied homeowners throughout the world.

THE ROLL



Bishopric Base comes to the building operation in large rolls containing 100 square feet. It is easily handled, quickly cut to desired size without waste—Bishopric Base saves 25% in plaster or stucco material and increases the strength of the building.



See how It locks the Stucco

Bishopric Base is first nailed securely to the framework of the building

When Bishopric Stucco is mixed with water it becomes plastic. It is then referred to as mortar.

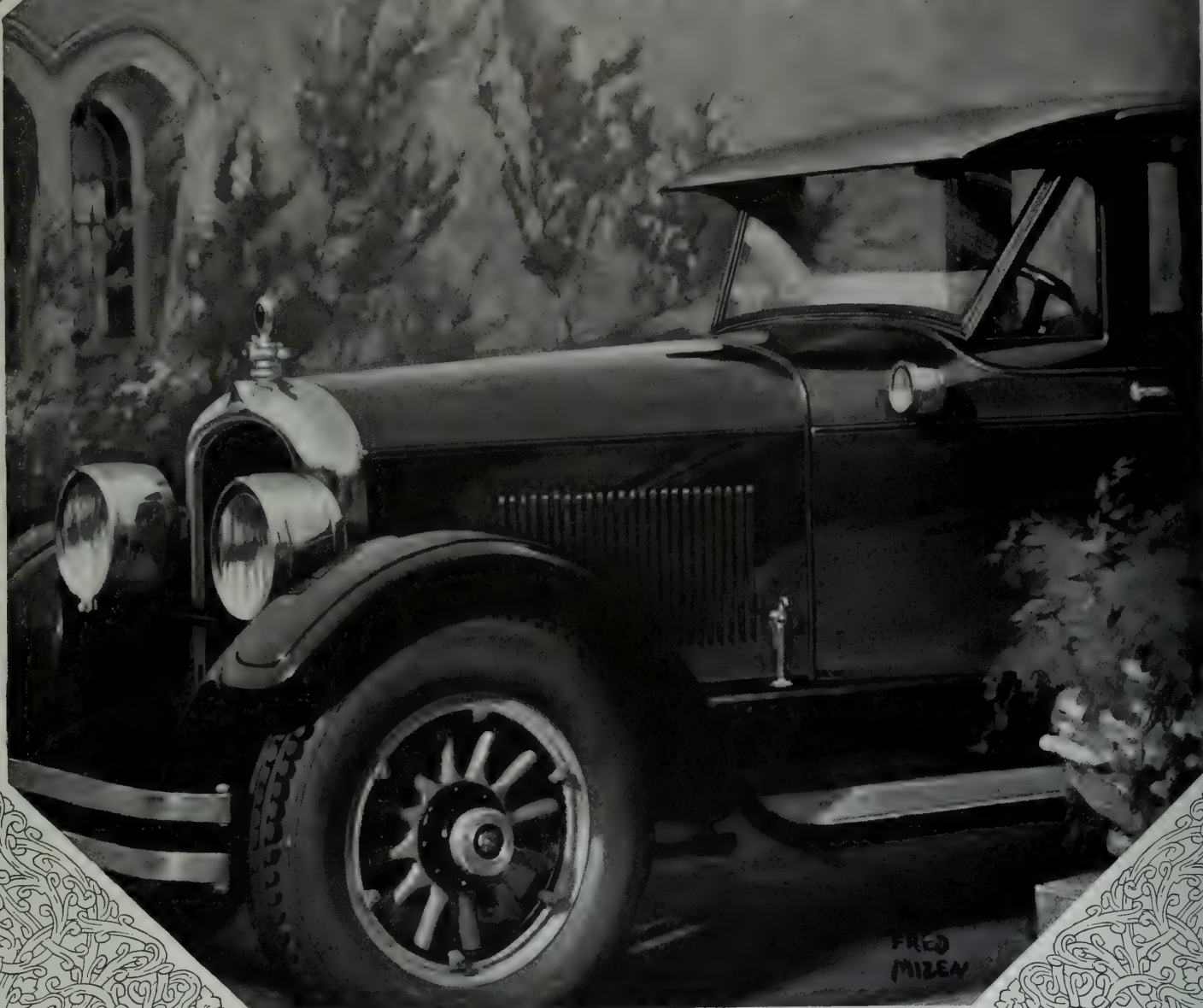
This mortar by means of a trowel is laid on over Bishopric Base, going over and in between the wood strips and locking into an inverted wedge clasp which holds forever.

Note how the wood strips of Bishopric Base are imbedded in a tough layer of asphalt mastic on a wood-fibre background which shuts out moisture, heat, cold and vermin.

BISHOPRIC STUCCO *over* BISHOPRIC BASE

"A Complete Wall Unit for all Time and Clime"

24 YEARS OF FINE CAR BUILDING



A FAMILIAR FRIEND IN A NEW DRESS

"*There goes another New Marmon,*" is the comment of today. To the prestige of Marmon engineering has been added the prestige of new artistry in lines and colors. People who are quick to recognize new excellencies have singled out the New Marmon as the most beautiful car of the year. The whole country says, "*It's a Great Automobile.*"

Only \$130 more than the open car—New Marmon Standard Closed Cars. Not "coaches," but genuine, full-fledged closed cars with four (4) doors, mounted on the famous Marmon 6-cylinder chassis of 136-inch wheelbase. Also—New Marmon De Luxe Models, permitting intimate expression of personal tastes.

Open Cars, \$3165. Closed Cars, \$3295 to \$3975 All prices f.o.b. Indianapolis, exclusive of tax

The NEW MARMON



REO

The Gold Standard of Values

INSTITUTIONAL soundness ~ ~ the most stable corps of
trained factory workmen in the industry ~ ~ manufacturing
self-containment which eliminates parts makers' profits ~ ~

These are some of the factors that have made it possible for
Reo to design, manufacture and sell the Model G Sedan at a
price never before associated with a full-sized, four-door sedan
of similar quality.



The New
STUDEBAKER
BIG SIX BROUGHAM

THE new Studebaker Big Six Brougham is a car of smart lines and marked distinction. It will appeal to the discriminating buyer who wants the best and who will be surprised to find such a fine car available at such a moderate price. Four doors—full-width seats. Steel trunk in rear. Your Studebaker dealer will be glad to show you this new Brougham. See it before you buy.

\$2575

F. O. B. FACTORY

Price includes front and rear bumpers and extra balloon tire

T H I S I S A S T U D E B A K E R Y E A R

BUILD THE NATION SECURELY WITH INDIANA LIMESTONE The NATION'S BUILDING STONE

Interesting Facts About INDIANA LIMESTONE

Number Five

In the great mills in the Indiana Limestone district today, the stone carver's mallet and chisel are replaced by marvelously ingenious labor-saving machines, for almost every conceivable purpose. They plane and split huge blocks; they fashion tiny bits of artistic trimming in patterns of lace-like delicacy. They turn huge columns for monumental buildings. Circular saws into whose teeth are molded genuine black diamonds saw the stone at the rate of 60 inches per hour—a goal hardly dreamed of a decade ago.

Builders today, convinced of the practicability of small homes, are showing great interest in short-length stock Indiana Limestone.

This grade of stone used as a veneer over stud frame walls or a backing of brick or hollow tile, is the most economical form of stone construction. The cost of such a home is only 5% or 6% higher than that of a frame house or one faced with brick. When it is considered that stone walls will last for generations without deteriorating in either beauty or sound structural qualities, and require no expense for upkeep, the slight increase in the cost of the stone is easily made up. *Furthermore the sale value of such a house is enormously increased by the use of stone.*

Cut stone contractors throughout this country and Canada carry large quantities of short-length stock furnished by the Indiana Limestone producers for special use in small house construction.

Our Portfolio of small house designs, conceded to be one of the finest collections of its kind to be issued by any building material producers, will be sent upon receipt of 50c. Address: Indiana Limestone Quarrymen's Association, Box 782, Bedford, Indiana

Residence, Cedar Rapids, Iowa
McKay Bros. Architects and Builders

In the house illustrated, a 6-inch veneer of Indiana Limestone was used, the cost of which set in the wall, was \$1,500. Total cost of residence, \$7,500.





IDEALITY to the fine traditions of the American Home within the limited confines of a town apartment is a problem to which modern designers must give careful thought. Buyers, too, must choose with special care those "key" pieces which are to impart to such surroundings the fine flavor of a real home.

The pieces shown are a solution for those who love the simple elegance and quaint individuality which marked the belongings of our own forefathers. The Duncan Phyffe living room table in crotch mahogany is so correctly proportioned that it instantly becomes a smart dining table.

The chairs which frame the Sheraton console table are dining height, and the console itself will hold sweets and coffee. The severity of outline required for the formality of dining is softened and mellowed for normal use by the low reading chair with its quaint ruffled skirt and cover of glazed chintz.

These and other delightful Elgin A. Simonds productions are shown by Dealers of Distinction everywhere. Write for the names of the nearest.

THE ELGIN A. SIMONDS COMPANY

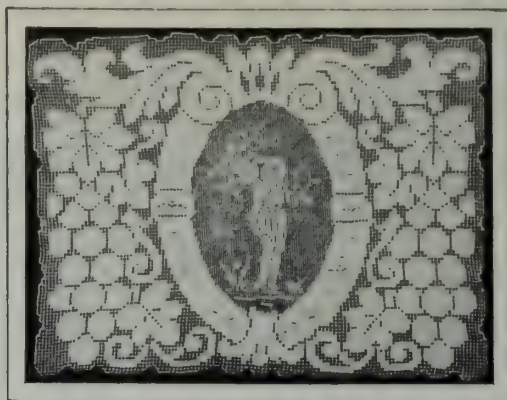
New York

Syracuse, N. Y.

Chicago

SIMONDS

Individualism — in Good Furniture



Above: One unit in a four piece luncheon set; three pieces of which are shown here. Made in Munich of pure linen with Mosaic, filet-tire and the famous Appenzel embroidery. Two place mats, 12 x 16 inches, two runners, 12 x 70 inches. Set complete \$179.00

Why ponder, O wedding guest?

*A*MONG all conceivable wedding gifts, fine linen has always made its appeal strongly.

For as in the case of the unusual luncheon set presented here, decorative linen consummately combines beauty with serviceability. The low price of this set is interesting, too.

By sending buyers abroad several times each year, Macy's is able to import direct from "schools," as the workshops of Florence and Venice are termed, as well as from the country districts of Belgium, France and Germany.

One advantage of this method is reflected in the extremely low prices quoted here.

If you are unable to visit Macy's Decorative Linen Department in person, you are cordially invited to shop by mail thru the Personal Shopping Bureau.

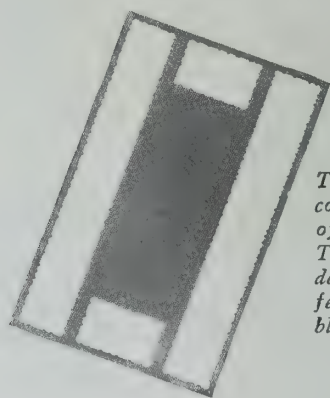


Table plan showing correct arrangement of linen illustrated. This luncheon set is designed for the refectory or oblong table seating six persons

Square luncheon cloth made in Munich. Covered with hemstitched squares. Rose pattern mosaic border. 60 inches square. An unusual value. \$79.50.

Imported Normandy lace dresser scarfs. 18 x 45 inches. \$16.89. Vanity pieces to match, 10 x 14 inches, \$2.29 each.

Imported Normandy lace boudoir cushion slips. Round, oval, oblong, heart shape. \$4.96 to \$11.89 each.

R. H. Macy & Co.
34th ST & BROADWAY Inc. NEW YORK CITY



Write for miniature photograph and description of all the pieces of this Berkey & Gay Suite—The "Concord"—and name of your nearest dealer.

Take a Tip from CINDERELLA!

CINDERELLA was beautiful in a chimney corner, but nobody noticed it until she appeared at the Prince's palace.

Diamonds sparkle anywhere, but they sparkle most brightly in settings of filigreed platinum.

Even the wise old owl poses on a crooked limb against a harvest moon!

Beauty requires an appropriate background.

And every mother knows that home is the background against which the charm and sweetness of her daughters is most critically observed.

To create of this background a thing of refinement and beauty, is obviously quite as important as the supervision of their education, their manners, and their attire.

Life is a drama and the scenic effects can never be safely forgotten.

Cupid has many arrows for his bow, but one of these, and not the least, is *background*.

Candle-light on old silver, linen that hints of Dublin looms, shadows that half conceal and half reveal the quiet beauty of good furniture—these are allies of youth that the wise have understood these many hundreds of years.

They reveal what cannot always, in good taste, be frankly expressed—a cultivated aptitude for the fine art of attractive home making.

Moreover, beautiful furniture is no longer costly.

For example, THE CONCORD dining-room suite, illustrated above, is just one among a great variety of charming Berkey & Gay patterns now available at prices ranging from \$350 to \$6,000.

THIS SHOP MARK IS
INSET IN EVERY BERKEY
& GAY PRODUCTION



IT IS THE CUSTOMERS
PROTECTION WHEN BUYING
AND HIS PRIDE EVER AFTER.

THE CONCORD is distinctive in its use of oval panels of Gesso. Gesso is a form of painted decoration in which the figures are raised and in relief—much in the manner of a cameo. A creation of the old eighteenth century Italian craftsmen, Gesso has never before been used commercially in America. Only artists skilled and experienced in this particular work can produce Gesso.

Figured in old, antique burnished gold, the Gesso work on THE CONCORD suite harmonizes beautifully with the mellow brown tone of the walnut and other decorative woods used. It is a Berkey & Gay touch—typical of the artistry and up-to-dateness of Berkey & Gay creations.

Write to Berkey & Gay Furniture Co., Grand Rapids, Michigan, for miniature photographs and complete descriptions of THE CONCORD pieces, and for the name of your nearest Berkey & Gay dealer.

BERKEY & GAY FURNITURE CO.

Wholesale Showroom; 115 W. 40th St., New York City

Associated Companies

WALLACE FURNITURE CO. & GRAND RAPIDS UPHOLSTERING CO.
GRAND RAPIDS, MICHIGAN



One of the Home Interiors is a sunlit breakfast room with painted furniture, a rush rug, chintz hangings and salmon-tinted walls.

The Home Interiors

ROOMS THAT SIMPLIFY
A BRIDE'S PLAN FOR HER
NEW HOME

IN the rush of events prior to the wedding, how little time the bride finds for the careful planning necessary to make her home as charming as she would have it be. *The Home Interiors*—six rooms on the Furniture Floor, will prove very helpful not only to her, but to her family and friends who are in quest of gifts. For here are various types of rooms that mirror the smartest tendencies in modern decoration, including color treatments, furniture, hangings, rugs, lamps and decorative objects.

SIXTH FLOOR

Lord & Taylor

FIFTH AVENUE : NEW YORK



Mauve and green are charmingly combined in the sunroom to suggest its possibilities as a cool, summer retreat.



The wall cupboard, panelled fireplace and authentic reproductions of Early American furniture give the living-room quaint charm.



Golden Days

GRADUATION—PRETTY FROCKS
GOLDEN DAYS TO BE REMEMBERED

*On such occasions Huyler's
and happiness meet*



GOLDEN PARISIAN
PACKAGE

The finest assorted chocolates and bon bons. Smart golden metal box.

Huyler's
NEW YORK

AMERICA'S FOREMOST FINE CANDY



ATWATER KENT RADIO



A glimpse of the studio of HARRISON FISHER, the artist, where the Model 20 is installed.

EVERY Atwater Kent owner knows that his set is exceptionally well built. If he should take it to pieces he would find every part, down to the smallest hidden screw, soundly and conscientiously made.

In twenty-four years of experience in the manufacture of electrical instruments of precision we have done it in no other way.

The result of this policy is that those who can choose *any* radio set are apt to

EVEN THE PARTS YOU DON'T SEE

prefer the consistent, satisfying action of Atwater Kent Receiv-

ing Sets and Radio Speakers.

For tone, volume, distance, selectivity, appearance—you can be absolutely sure that better designed Radio Sets and Speakers cannot be found.

And your dealer knows how little attention they require after reaching your home. For they have received more attention than they need before they left our factory.

ATWATER KENT MFG. CO. • PHILADELPHIA, PA.



DE LUXE MODEL



MODEL 20 COMPACT



MODEL 10

Now the simplest homes the hidden comfort once found only in expensive houses

*Three years ago these facts created a sensation among technical men.
Now, backed by thousands of tests, they are laid before home builders*

EXPENSIVE homes, like expensive motor cars, have a hidden comfort.

On coldest winter days these costly homes are always cozily warm and pleasant. Icy blasts bring no discomforts of "cold rooms" or "cold sides," no unhealthy draughts.

On hottest summer days these homes are strangely cool. And they are always restfully quiet.

Every man has wanted such home-comfort for his family. Yet, the hidden thing that gives it has cost too much—more than most home builders could afford.

But now the simplest home can have it. One of the most important discoveries in building history has made it possible. We have waited three years to tell the story of this discovery. Now, backed by complete and absolute proof, the facts are given to you.

In costly homes—this hidden value

Between the walls of costly homes architects have, for years, placed special materials. This is called insulation—heat-insulation.

It is the secret of their greater comfort.

The principles of insulation have long been known and applied in many ways. It is used in your ice-box to keep heat out. It is used in your fireless cooker to keep heat in.

In the walls of a house, insulation acts in the same way. In winter it keeps heat in; in summer it keeps heat out.

Scientific tests prove that there is a heat leakage of 25 to 35 per cent through the walls and roof of a building constructed of ordinary materials.

Insulation stops this waste. The year around, in all climates, it gives greater healthfulness and comfort than can be obtained in any other way.

Yet, insulation has always been an added expense—something found only in expensive homes, because few could afford it.

A revolutionary discovery

Then, after years of scientific research, a revolutionary discovery was made.

A long period of investigation and experiment developed the fact that sugar cane fibre (bagasse), one of the longest and toughest fibres known in any plant or tree in the world, possessed the remarkable qualities necessary for the fabrication of a revolutionary building material.

A mammoth plant was built to fabricate this fibre into a strong, durable building lumber which contains millions of sealed air cells—the most efficient form of insulation known to science. It was called Celotex Insulating Lumber. Three years ago it was put upon the market—the first insulating lumber the world had ever seen.

Celotex made it possible, for the first time, to build a completely insulated house practically without extra cost.

Values never before known in any ONE material

Celotex Insulating Lumber is a new, wholly unique building material—utterly different from anything made, grown or mined. It combines three great advantages found in no other one material.

Insulation is provided by Celotex—insulation equal or superior to that given by any available insulating material known.

Celotex used on exterior and interior walls is equal, as insulation,

to three and one-third inches of solid wood, twelve inches of solid plaster, twelve inches of solid brick, or twenty-four inches of solid concrete!

Celotex has a greater ability to prevent the transmission of sound than deadening felts and eliminates the use of such materials.

Structural strength is supplied by Celotex. It makes a wall section many times stronger than the wood lumber it replaces. No other insulating or sound-quieting material has this quality.

The story three years has told

It is now three years since Celotex Insulating Lumber was put upon the market. It has been built into thousands of homes in every part of the United States and in many foreign countries.

In every climate, under every condition, Celotex has been tested—and everywhere has completely demonstrated its amazing qualities. It has revolutionized home-building ideas and established new standards of comfort and healthfulness.

How CELOTEX Insulating Lumber is used

You use Celotex on the outside walls of your house and under the roofing in place of the wood lumber known as sheathing. Test after test by unquestioned authorities has proved

that a wall sheathed with Celotex is many times stronger and more rigid than one as ordinarily sheathed with lumber.

This use of Celotex gives you heat-insulation without extra cost.

You use Celotex in place of lath, as a plaster base. Plaster bonds with Celotex and produces a wall several times as strong as one made with plaster and lath. And one less likely to crack.

This use of Celotex also gives you heat-insulation practically without extra cost.

Wherever used, Celotex replaces wood and any form of insulation. It adds practically nothing to the cost of building.

YOUR home can have this greater comfort

Now, your home, however modest it may be, can have the comfort of the finest mansion. In winter it will be snug and warm, even on the coldest day. Temperatures in every corner of the house will be even and healthful day and night.

Celotex enables the user to reduce the size of his heating plant and the number of radiators. It reduces fuel bills approximately one third.

In any climate Celotex will add to the comfort of your home. It retains the cool temperatures of night and keeps out the day's heat. On the hottest days your home will be cooler. There will be no stifling upstairs rooms where sleep is difficult.

If you are going to buy a completed home, make sure that it is built with Celotex. If you are having a home built for you, insist upon Celotex being used in construction. Celotex is everywhere available.

Consult your architect, contractor, or lumber dealer on this important matter. Write us for additional information on insulation—what it is, what it does, and how you can use Celotex to secure it. Fill out and mail the coupon—now



These pictures illustrate the results of a test made by the engineering laboratories of Robert W. Hunt & Company to determine the relative strength of Celotex and wood as sheathing. It was demonstrated that a wall sheathed with Celotex is several times as rigid as a wall ordinarily sheathed with lumber

can have it

An artistic residence in Indianapolis.
Ind. Frank B. Hunter, Architect.
J. W. Darnell, Contractor. Celotex
used as sheathing, replacing lumber



The occupied house at the left is not insulated. Wasted heat escaping through the roof has melted the snow. The occupied house at the right is insulated. Heat does not escape through this roof, and the snow remains much as though the house were unoccupied

FACTS about CELOTEX

Celotex comes in stock sizes: Thickness, approximately 7-16 of an inch; width, 4 feet; lengths, 8 to 12 feet.

The weight of Celotex is about 6 pounds to the hundred square feet, making it easy to handle and economical to apply.

Celotex is sawed like ordinary lumber and is nailed directly to all framing.

The great durability of Celotex permits it to be piled outside and handled as wood lumber is handled.

Any type of exterior finish—

siding, clapboards, stucco, brick veneer, etc.—is applied over Celotex in the same manner as over wood sheathing. Any kind of roofing can be laid over it. It is used in all types of roofs to stop the passage of heat at the roof line.

Standard prepared gypsum or wood fibre plaster is applied directly to the surface of Celotex.

Celotex is waterproofed. It can be painted and used as an exterior finish.

Other Celotex uses

Celotex has many uses other than in dwelling houses. Mail the coupon for full information on any of the following:

Interior wall finish—the interesting fabric surface texture of Celotex makes it admirably suitable for interior finish in many forms of beautiful wall treatment. It may be left in its pleasing natural finish, or painted, stained or stenciled.

Industrial and commercial buildings—especially for roof insulation and sound deadening and to eliminate condensation of moisture.

Acousti-Celotex—used in auditoriums, theatres, churches, schools, offices, broadcasting studios, banks, etc., for acoustical correction.

Small buildings—summer cottages, garages, mountain cabins, etc.

Special farm uses—stock barns, milk houses, potato and perishable product warehouses, vegetable and fruit storage rooms, incubators, chicken houses, etc.

In homes already built—attic insulation, cool rooms, vegetable storage, interior wall treatment and all kinds of house alterations.

Refrigerator cars—Celotex is in use as insulation by leading railroads and car builders in more than 13,000 refrigerator cars.

Shipping boxes—specially manufactured Celotex, strong, light in weight, waterproofed, pilfer proof, thousands in use.

THE CELOTEX COMPANY, 645 N. MICHIGAN AVE., CHICAGO, ILL. MILLS: NEW ORLEANS, LA.

Branch Sales Offices: (See telephone book for addresses)

Boston Cleveland Denver Kansas City Los Angeles Milwaukee New Orleans Philadelphia Portland, Ore. San Francisco St. Louis
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CELOTEX

INSULATING LUMBER

"THERE IS A USE FOR CELOTEX IN EVERY BUILDING"



MAIL THIS FOR PLAN BOOK

THE CELOTEX COMPANY, Dept. 6
645 N. Michigan Ave., Chicago, Ill.
Enclosed is 50 cents in stamps for which please send me the Plan Book, "Your Home".

Name
Street
City State

MAIL THIS FOR FREE BOOK

THE CELOTEX COMPANY, Dept. 6
645 N. Michigan Ave., Chicago, Ill.
Please send me without charge the free booklet, "The Hidden Comfort of Costly Homes"

Name
Street
City State

FREE Building Book

The new Building Book, "The Hidden Comfort of Costly Homes", gives you detailed and authoritative information on the use of insulation in modern home construction—new homes, completed homes, basementless houses, alteration work, small buildings, etc. It describes the general and special uses of Celotex. Fully illustrated with photographs, drawings, diagrams. Send the coupon at the left for this interesting and instructive book

Plan Book of 25 Homes

"Your Home", a book of 25 ideal small homes will be invaluable to you if you are building. Based on plans prepared by the Northwestern Division of the Architects' Small House Service Bureau, an organization controlled by the American Institute of Architects. Contains block plans, elevations, descriptions, landscape suggestions. Embodies the most advanced ideas in design, economy and convenience. To get "Your Home", enclose 50 cents in stamps with coupon at right

It looks pure — is it ?



To the naked eye this water looks clear and healthful. Note how the microscope picks out particles of rust and sediment in a drop of water delivered by rusting pipe. (Enlarged 100 times.)

Minute specks of iron rust signal trouble ahead—rust-clogged pipes, a diminishing flow, brown-stained water and leaks. The result will be annoyance, costly repairs and finally—a new water system.

Anaconda Brass Pipe *cannot* rust. Install it in the first place and you will *always* be sure of a supply

of clear, clean water at full service pressure from every faucet in the house. The added cost is only about \$75 for the average \$15,000 house. Let us send you our booklet—"Ten Years Hence" interesting and instructive.

THE AMERICAN BRASS COMPANY

GENERAL OFFICES: WATERBURY, CONNECTICUT

Offices and Agencies in Principal Cities

Canadian Mill:

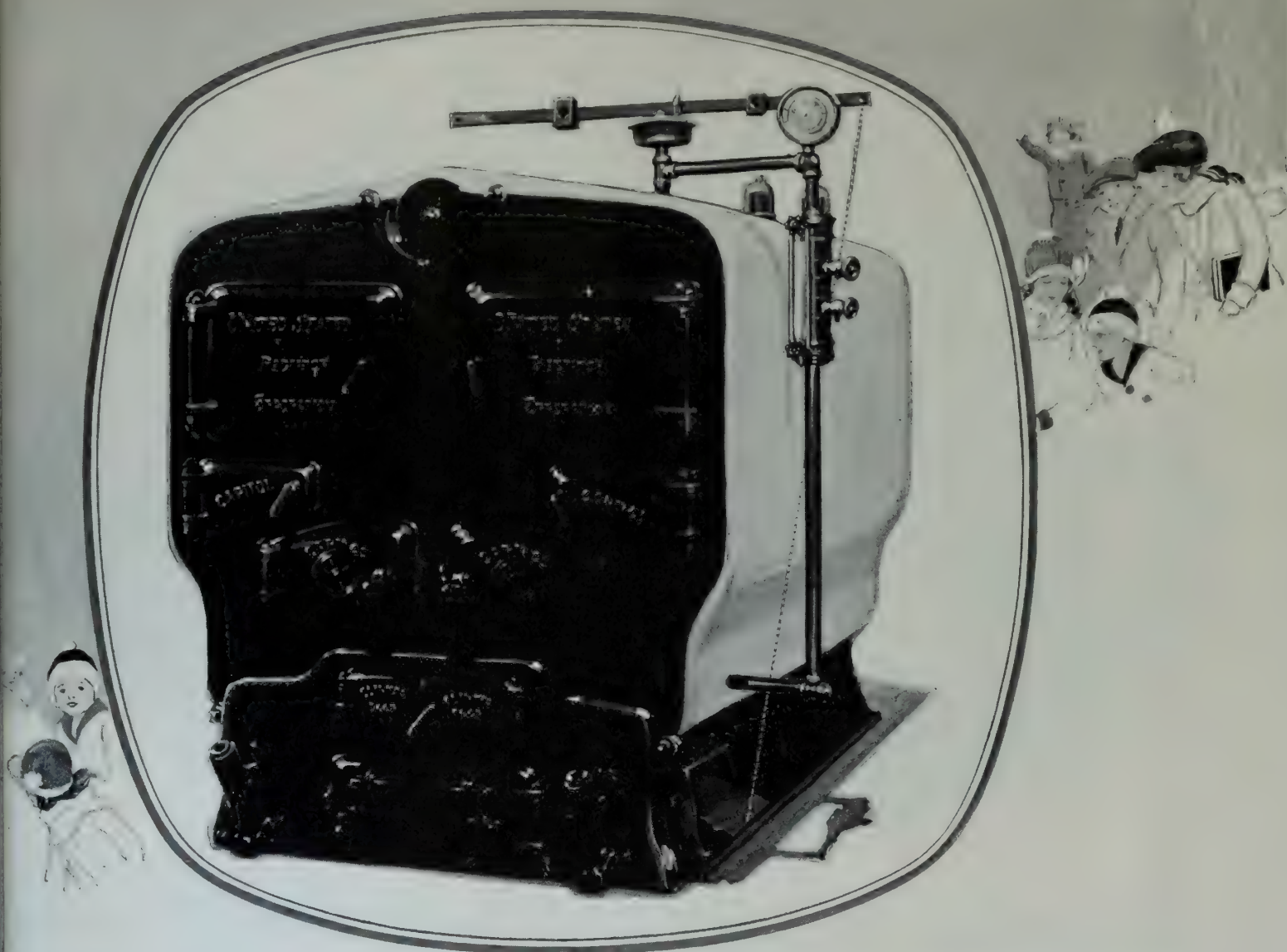
ANACONDA AMERICAN BRASS LIMITED

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ANACONDA BRASS PIPE

Installed by leading Plumbing Contractors everywhere



Efficient heating is a matter of first importance in School Houses and Churches. In these, and all semi-public buildings, the boiler controls health and comfort more than any other feature of equipment.

"Temperamental" boilers will not do. They must perform day in and day out with un-failing regularity. Wasteful boilers will not do. They must extract the last unit of heat energy from fuel.

Because of these rigid requirements, we are proud indeed of the long list of schools and churches which are being served by Capitol Boilers and United States Radiators. Each day the list grows longer—the indorsement more impressive.

When considering the heating requirements of your own home it will be quite worth while to remember that, in thirty-five years, no Capitol has ever failed an owner.

We shall be glad to send you an illustrated booklet which fully explains the modern idea in house heating.

Capitol Boilers

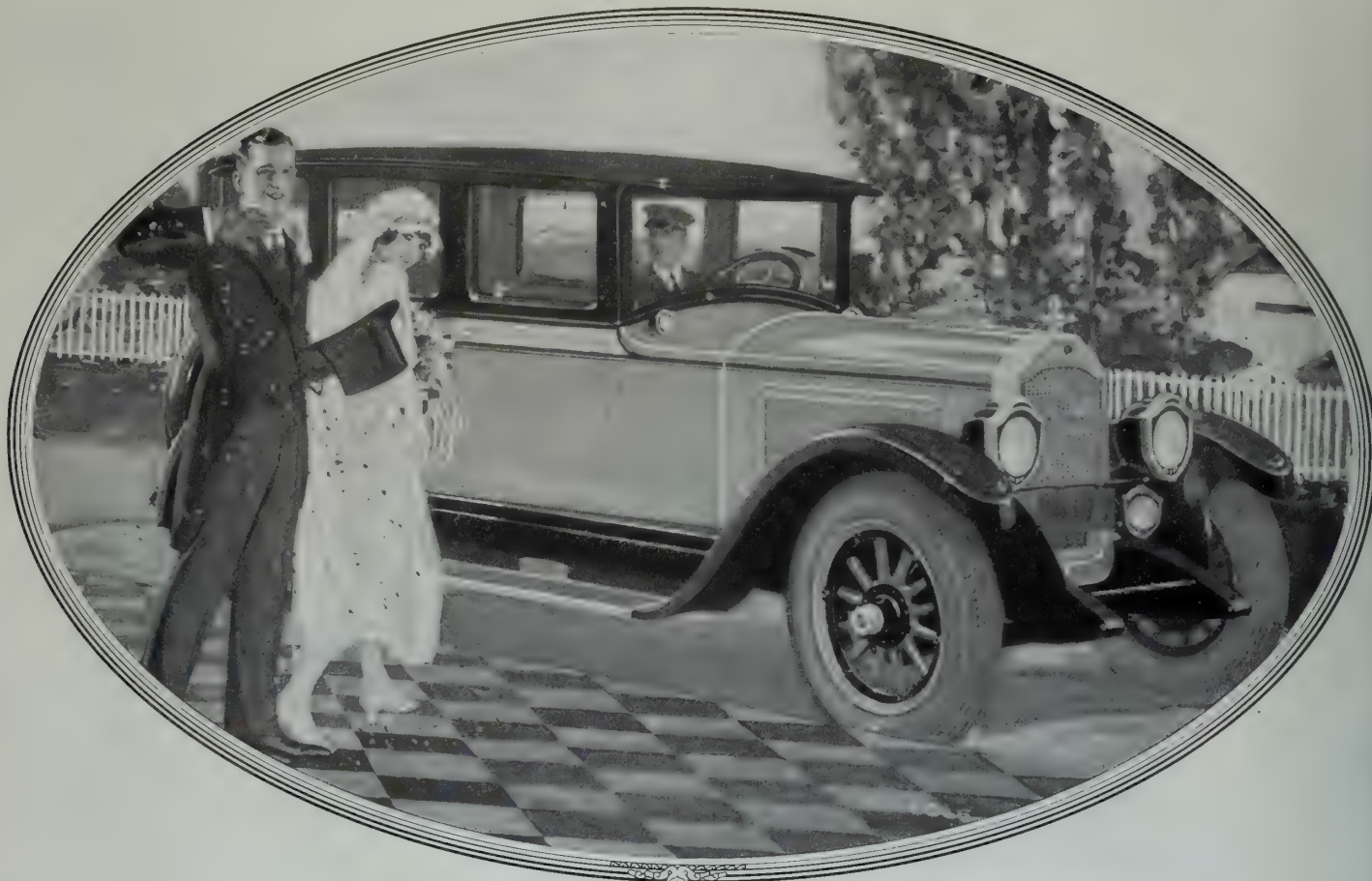
UNITED STATES RADIATOR CORPORATION

General Offices, Detroit, Michigan

BRANCH AND SALES OFFICES

Boston ~ Springfield, Mass. ~ Portland, Me. ~ Providence, R. I. ~ Troy, N. Y. ~ *New York ~ Brooklyn ~ Harrison, N. J. ~ Philadelphia ~ Baltimore ~ *Buffalo
 *Pittsburgh ~ Cleveland ~ Columbus ~ Cincinnati ~ Detroit ~ North Chicago ~ South Chicago ~ Milwaukee ~ Indianapolis ~ Louisville ~ St. Paul ~ St. Louis
 Kansas City ~ Des Moines ~ Omaha ~ Denver ~ Seattle ~ Portland, Ore. *Warehouse stocks carried at all points except those indicated by star.

A Very Different Six for Those Who Want the Finest

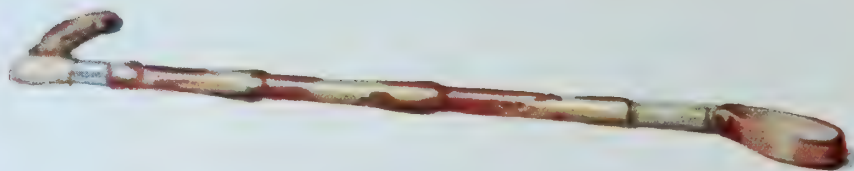
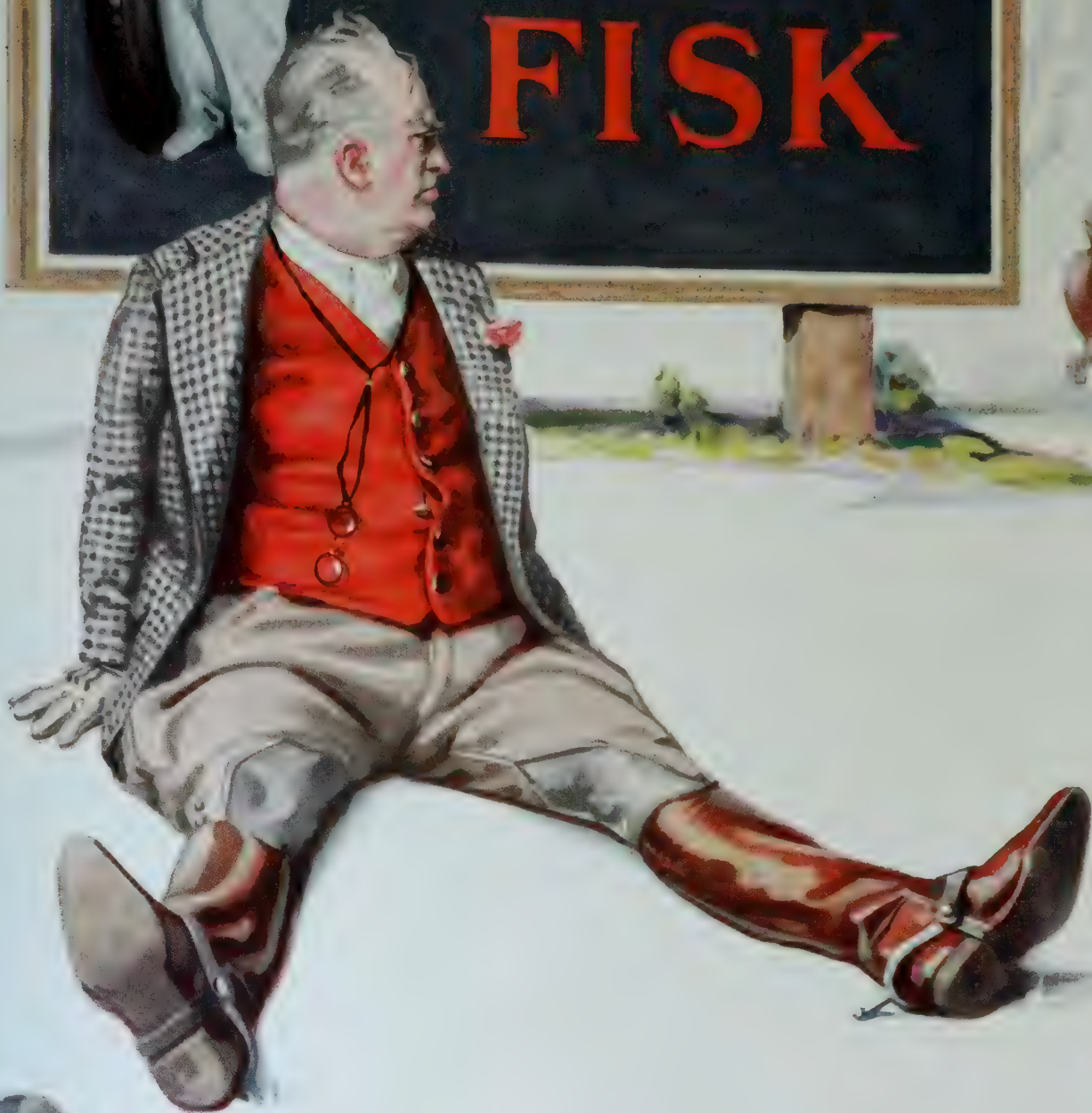


To discerning motorists, all that need be said of the luxurious new Willys-Knight Six is the fact that it has the only type of six-cylinder automobile engine ever invented that actually and literally grows quieter, smoother and more powerful with use . . . That said, nothing need be added!

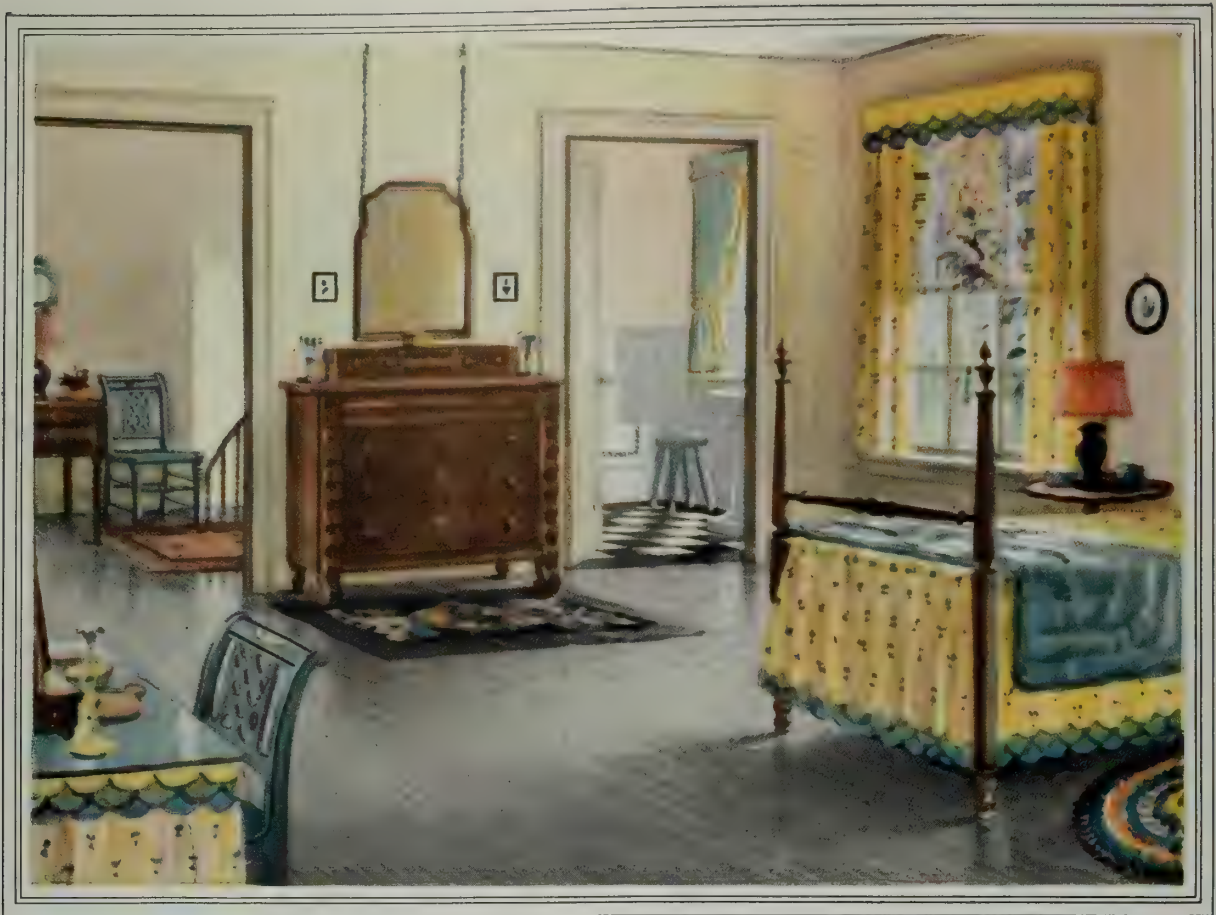
WILLYS-OVERLAND, Inc., Toledo, Ohio - - - WILLYS-OVERLAND Sales Co. Ltd., Toronto, Canada

The New
WILLYS-KNIGHT
SIX

WILLYS - OVERLAND - FINE - MOTOR CARS



THUR



Look for the
CIRCLE A
trade-mark on
the burlap back



WHY A GRAY JASPÉ FLOOR WAS CHOSEN FOR THIS COZY UPSTAIRS SUITE

SOMETIMES decoration is puzzling when several rooms are arranged so that they appear almost as one. A skilful touch of color, however, will lift such a group of rooms to easily accomplished beauty, preserving the individuality of each room, yet blending all in pleasing harmony.

In planning the upstairs suite you see in this picture, the decorator has deftly employed this color touch of unity to the largest single area in these rooms—the floor. She knew that everything in each room would be seen in relation to the floor. So she happily selected an Armstrong's Jaspé Linoleum in warm yet neutral gray as the color foundation on which the entire decoration is built.

The soft, two-toned effect of this polished Jaspé floor serves to bind the rooms together in colorful harmony. But the decorative beauty of Jaspé linoleum does not end here. Such a floor emphasizes the quaint charm of the hooked and braided rugs. It makes the furniture look brighter, smarter, too.

It brings a restful coziness to the whole tastefully planned suite.

If you are planning to decorate a single room or a group of rooms such as this, start to build your color scheme upon a well-chosen, well-laid floor of modern linoleum. At once your most vexing problem, the color and condition of your floor, becomes a real help and a source of inspiration.

There are many correctly designed patterns of Armstrong's Linoleum to choose from—two-toned Jaspés, Handcraft tile designs, natural marble effects, Dutch tiles, and colorful all-over patterns. You can see them all at any good furniture or department store the next time you are shopping. Any floor you

select should be permanently cemented in place (not tacked) over builders' heavy deadening felt. Laid this way your linoleum floor presents a smooth one-piece surface that never needs re-finishing. An occasional waxing and daily dusting keep it gleaming for lifetime of service.

Mrs. Hazel Dell Brown, in charge of our Bureau of Interior Decoration, will gladly work with you in planning smartly correct color schemes for any interior you may be redecorating. This service is free. We shall also be glad to send you

Agnes Foster Wright's new book,

"Floors, Furniture, and Color," filled with decorative ideas, based on Mr.

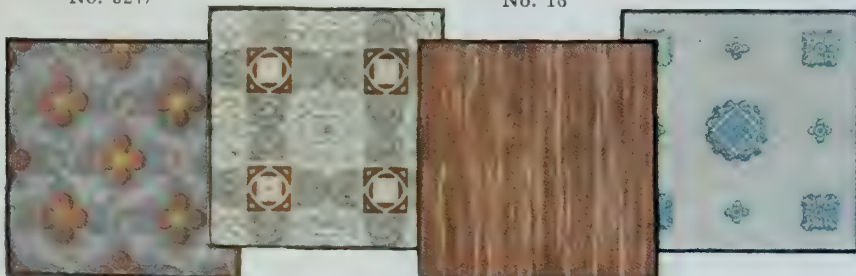
Wright's personal experience as a New York decorator and an authority on home decoration. This practical and inspiration book for home-planning will be sent to anyone in the United States for 10 cents. Armstrong Co. Company, Linoleum Division, 875 State Street, Lancaster, Pa.

PRINTED
No. 8247

MOULDED INLAID
No. 3383

JASPÉ
No. 16

PRINTED
No. 7082



Armstrong's Linoleum for every floor in the house



This is a full size reproduction of Herringbone Double-mesh Lath. Metal Lath of Armco Ingot Iron is made only by The General Fireproofing Company.

Crack-Proof, Mar-Proof Walls When Plastered over Herringbone

HOW discouraging—to lavish care and thought on decorating the walls of your home—only to have them disfigured by ugly cracks, lath marks and checks!

Once it was the customary experience—quite the expected thing. But no longer! Any good architect or builder will tell you that Herringbone Metal Lath is a dependable safeguard against such unsightly mars and blemishes.

The fine cross web mesh of Herringbone Metal Lath gives each square inch of surface a rigid, unyielding reinforcement. It literally becomes embedded in the plaster and holds with a grip that can't be loosened.

It's not expensive either. Far from it. Although it costs slightly more than ordinary wood lath, it brings down labor costs. For, it comes in large, stiff sheets of steel or Armco Ingot Iron that are easily and quickly handled.

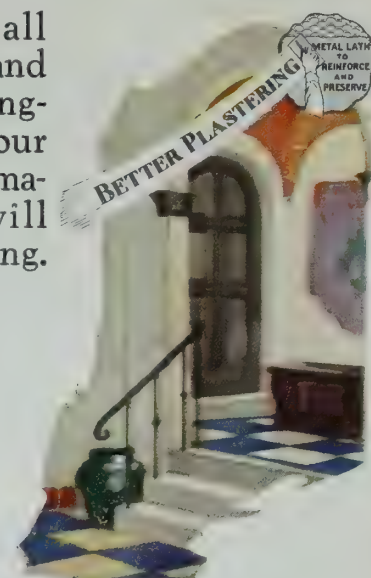
Sudden jars—or even settling—won't crack the plaster. And, it's a type of construction that's really fire-resisting.

If you intend to build, by all means insist on having walls and ceilings plastered over Herringbone Metal Lath. Write for our free booklet "Building for Permanence and Beauty." You will find it exceedingly interesting.

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THE GENERAL FIREPROOFING COMPANY, YOUNGSTOWN, OHIO
Branches and Sales Agencies in Principal Cities

**GF Herringbone
Rigid Metal Lath**



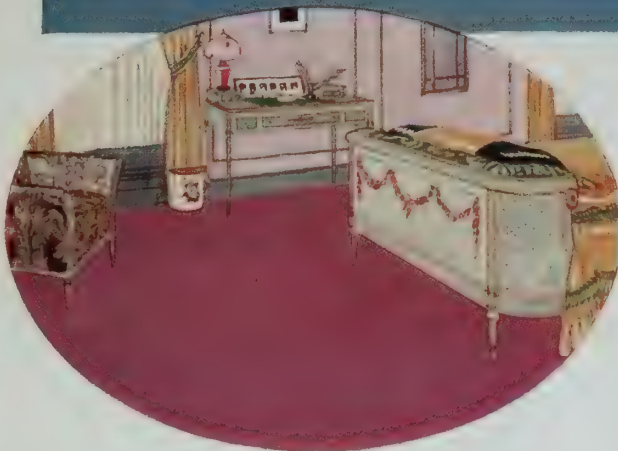
Bedrooms so colorful and lovely with rugs of linen — *you can have them at so little cost with Klearflax*



Great charm of color may be attained in bedrooms with Klearflax linen rugs and carpeting—inexpensively, too



A charming guest room in which the furniture of pastel green is exquisitely set off against a background of Klearflax in mulberry tones. Window and bed draperies are of old gold



BRIGHT WITH cheerful colors, yet soft and restful in effect—these are the notes you want to dominate your bedroom decorations.

And now Klearflax linen rugs make possible just such lovely color effects, without extravagant cost. In fact, Klearflax offers artistic possibilities never before attainable at so little cost.

Woven entirely of linen!—To this fact is due the color beauty of Klearflax. It is particularly lovely in the always popular solid tones, in grey, taupe, chestnut, blue, green, mulberry, goldenrod, rose, mole, Blue Mist. For gayer effects there are handsome heathers and Pickwicks—Greylock, Forest, Gopher, Bluejay. You will be delighted, too, with the selection of designs in smart, small all-overs and rich bordered effects.

The texture of Klearflax harmonizes with the coarser weaves now so favored by decorators in hangings and all interior textiles. It has all of linen's characteristic sturdy feel and finish—due

to the pure virgin flax of which it is woven.

And wear? Klearflax, woven thick and heavy, has all of linen's well known durability and because it is reversible, its wearing life is prolonged almost double. It is moth-proof and practically burn-proof, too.

Another thing you will appreciate—you can have a cleaner floor covering with Klearflax. For it is woven in such a thick compact body that dirt does not become embedded, but stays on the surface. With suction sweeping and occasional

brushing to keep it free of this surface dirt, you have a rug always fresh and clean all through!

Perhaps it is a bedroom rug you need; a hall runner; or you want to carpet your living room in the new all-over vogue. Be sure to see Klearflax; you will find it will bring greater beauty and wear for less cost than any other floor covering.

An interesting new booklet
FREE to you

We have published a new booklet of information about Klearflax, showing all the different colors and designs. From these color pages you can get an accurate idea of how Klearflax will blend in your interior scheme. We will gladly send the booklet to you and tell you the name of a store near you where you may see Klearflax.

Note these very moderate prices

Think of it—Klearflax seamless rugs in all colorings and patterns at these prices:

9 x 12, \$49.00	4' 6" x 7' 6" .. \$16.50
8 x 10, 38.00	3' x 6' .. 9.00
6 x 9, 26.00	27 x 54 .. 5.00

Seamless carpeting in any of the above widths, any length, \$4.10 per square yard.



The Klearflax Linen Looms, Inc.
Duluth, Minn.

Please send me free your booklet of information about Klearflax Linen Rugs and Carpets.

Name

Address

City

H. & G.—June

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LINEN RUGS & CARPETING
from The Klearflax Linen Looms, Inc.
DULUTH, MINNESOTA



The prettiest new spreads of Scranton Net in color . . . with curtains to match

AIRY, ruffled spread of beautiful Scranton Net, with a suggestion of color in its weave. At the windows, curtains and valance to match. How delightfully cool and summery in effect! Harmonious. Charmingly smart! Excellent decoration for warm days just ahead.

And what lovely colors these fashionable new spreads and curtains display. Threads of rose, blue, orchid or gold are artfully interwoven with white—flower-like colors, fadelessly fixed against sun and tubbing.

The fabric has that perfection of weave characteristic of all materials from Scranton looms. Besides finished curtains and spreads, it comes in yard goods so that you can make up your own if you wish. Be

sure to see these timely aids to hot weather decoration—as well as Lustre-Casement Curtains, Lustre-Bedspreads and other summery Scranton fabrics now at your store. Fill out and mail the coupon today for two interesting booklets which will help you choose. Write our Service Department about any unusual curtaining problem which you may have.

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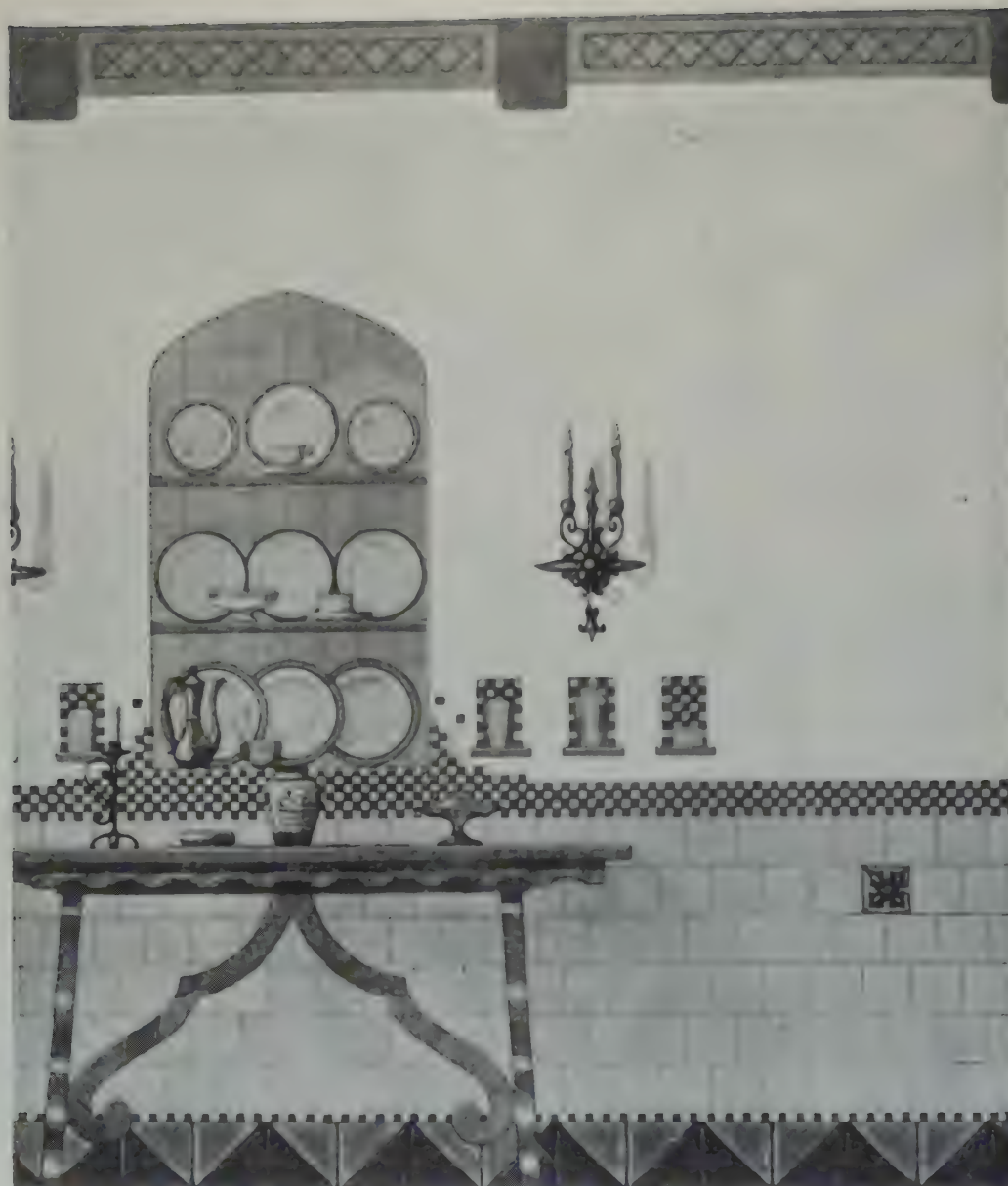
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TYPICAL WALL SECTION

Standard size plate illustration in full colors, with detailed description for specifying the tiles shown in this Spanish-American Dining Room will be forwarded for 4 cents postage. "Beautiful Tiles" booklet free.



SECTION OF FLOOR

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This beautiful period motif is correct, authentic, and in the true spirit of the Spanish-American period. It shows the Spanish influence on American architecture as found in Mexico and Southern California.

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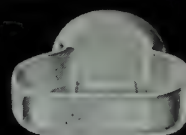
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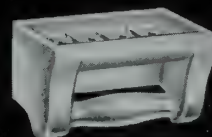
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and Tooth Brush Holder



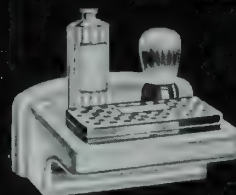
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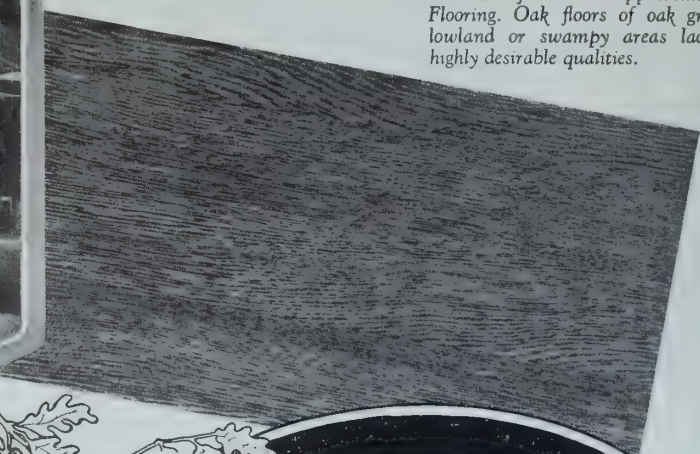
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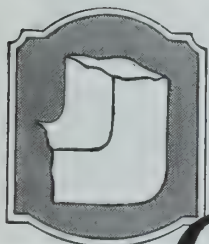
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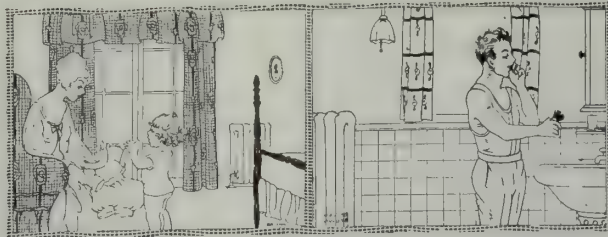
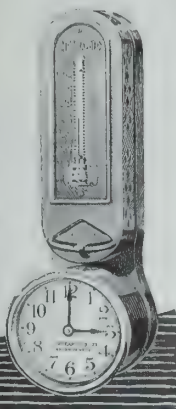
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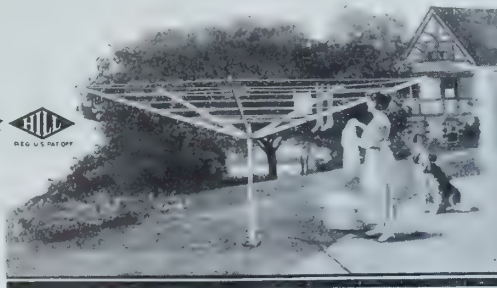
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3. Structurally Strong and Easy to Install

Armstrong's Corkboard is strong in structure and is easily nailed in place in frame buildings or readily set in Portland cement mortar against brick or tile.

4. An Excellent Base for Plaster

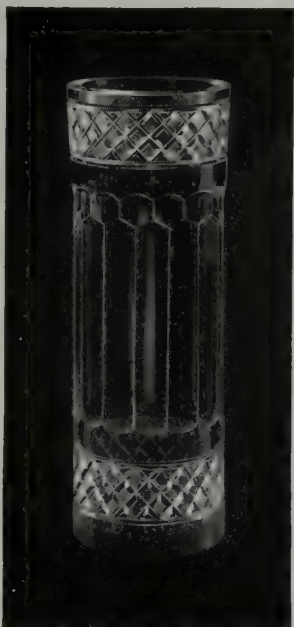
Armstrong's Corkboard takes and holds plaster permanently. No lath is required since the plaster keys firmly into the surface of the corkboard.

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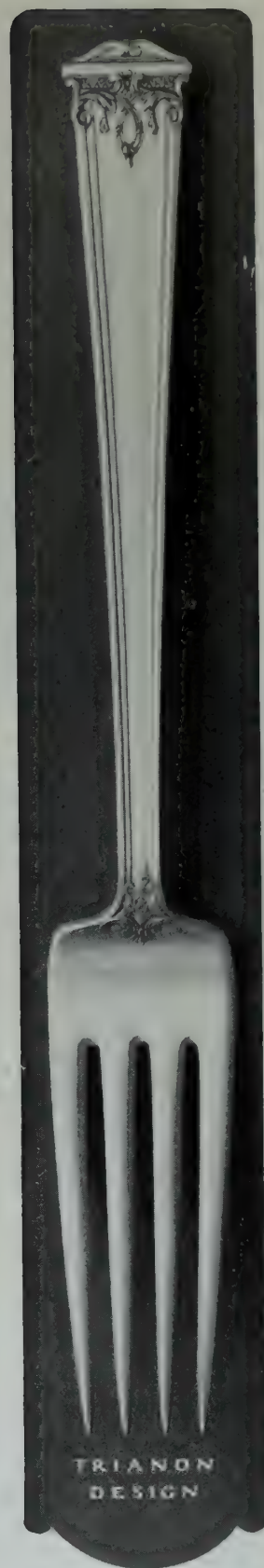
At a Thousand Such Weddings

NOTABLE names at the altar; notable names in the pews.... Notable gifts in the gift room. And here, dominating all, the gift of the bride's family—a solid-silver service.

It was so, last year, at a thousand New York weddings. It has been so, wherever a society contains people with background. Fashion unites with tradition in this decree: the bride's distinguishing gift shall be a solid-silver service which forever symbolizes what she has attained and whence she is destined.

Because it fulfills this ideal, the Trianon Design in International Sterling is chosen by many brides. Trianon achieves simplicity and yet rises to magnificence. Trianon achieves eternal classic correctness and yet expresses modern smartness.

The Trianon Design has been developed in a complete, matched dinner service. The entire service is permanently stocked, for replacement or enlargement at any time. Your jeweler probably has the actual silver to show you; if not, he can readily obtain it.

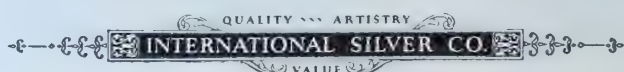


*The Lovely
"Bride's Book of Silver"
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Its cover is a bride's dream, in old rose and silver. Its contents are a bride's hope—in picture and story.... Tells why solid silver, and what solid silver, and how to go about "arranging it." Presents ten wonderful full-size plates, showing ten bride's designs in a selection of flat silver and hollowware, and giving complete prices and descriptions. Write your name and address in the margin below. Clip our this corner, and mail to Dept. 1-106, International Silver Co., Meriden, Conn.

INTERNATIONAL STERLING

WROUGHT FROM SOLID SILVER





Thomas, Martin & Kirkpatrick, Architects

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It is of the utmost importance that the roof should harmonize with the design of the house. Stone walls require a roof rugged in texture, soft in colorings, and irregular in appearance. Tudor Stone admirably meets these requirements, and provides one of the most attractive features of the exterior.

Every Tudor Stone roof is individually designed and specially quarried for the house upon which it is to be laid. The finished effect is predetermined, age and time merely improving and mellowing the colorings of the slate, and hence the appearance of the roof. Every Tudor Stone roof is, moreover, weatherproof, fireproof and everlasting.

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NEW YORK

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BOSTON PHILADELPHIA CHICAGO

CORROSION is the cancer of metal



What Price Carelessness?

WHAT price will corrosion cost those property-owners who are indifferent to the menace of rust hidden in their expensive walls? How much will they pay for an apathetic attitude toward the kind of pipe that goes into their buildings? Millions annually! And every careless householder pays his share.

A leak may seem too small an affair to worry our bank accounts, but ceilings, damaged furnishings, and the host of bills that inevitably attend accidents will prove penalty enough for our negligence of that important—pipe.

There is but one safeguard against the "cancer of metal" and that is pipe which resists corrosion to the limit. Reading Pipe, being made of Genuine Wrought Iron, has rust-resisting properties which do not exist in common, or steel, and because of those qualities "Reading" lasts two to three times longer.

Its price is slightly higher. But what does that amount to when compared with the cost of a corroded pipe?

Be careful. Be specific. Specify Reading—and do away with the menace of rust.

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World's Largest Makers of Genuine Wrought Iron Pipe

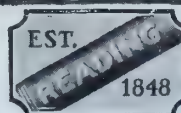
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Reading Genuine Wrought Iron Pipe is made to a degree that renders the metal pipe rust-proof. "Reading" combines this feature with a practical price. Look for the name "Reading."



Sherburne Beach Apartments, 6259 Sheridan Road, Chicago. Thos. E. Bishop & Co., architects. Monarch Strips installed by the W. L. Van Dame Company, Monarch licensees at Chicago.

'A saving of 125 tons of coal per season'

Writes C. A. Dahlmann, Manager of Sherburne Beach Apartments, Chicago

Here is Mr. Dahlmann's letter:

Following your suggestion to check our fuel consumption before and after you equipped our building with your Monarch Metal Weather Strips, we were surprised to find that, previous to this installation, our engineer's records show we used on an average of 500 tons of coal per season, and after your work we have used on an average of 37 tons per season—a saving of 463 tons of coal per season.

Our object in putting in the Monarch equipment was the added comfort and convenience for our tenants, but from our engineer's report we now realize Monarch Metal Weather Strips are one of our best tenants."

The average 3 x 6-foot double-hung window—without weather strips installed in accordance with general building practice—permits the leakage of 29,250 cubic feet of air every 24 hours (with the wind velocity at 15 miles an hour). With Monarch Interlocking Metal Weather Strips on the same window, this leakage is reduced to 12,864 cubic feet of air every 24 hours.

To maintain an inside temperature of 70° with the outside temperature at zero, you must burn 6 1/4 pounds of coal every 24 hours to heat the 29,250 cubic feet of cold air that filters in thru each unstripped window. To heat the same room with windows equipped with Monarch Strips, you need burn only 2 3/4 pounds of coal per window every 24 hours—a daily saving of 3 1/2 pounds of coal per window.

Monarch Interlocking Metal Weather Strips are built upon an entirely different (patented) principle. Because of their "tubular, interlocking, floating seam" construction, Monarch Strips are the only strips which give and take with the swelling and shrinking of the sash and frame. They are the only strips which hold the sash and frame in the same relative position at all times. The sash cannot rattle—dirt, dust and soot cannot get through—and the saving effected is permanent—not just for a year or two. For Monarch Strips last as long as the house or building in which they are installed and always work as well as when new.

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Beauty spots or blemishes — which shall it be?

It often happens in a well-planned room.

The proportions are ideal. The woodwork carefully selected. The finish exquisite. The walls decorated artistically. And the furnishings of the best. The room is ready to be admired.

But admiration falters a bit. The eye catches a discordant note. Then two—three . . . six . . . nine . . . twelve. A dozen blemishes on that room—for life.

The importance of hinges was overlooked!

Hinges are not large. But, in place, they are prominent and numerous. The one error of failing to select good hinges develops into a dozen errors in each room.

The time to think of hinges is when the house is in its early stages of construction. The time to think of McKinney Hinges is when you are selecting your hardware.

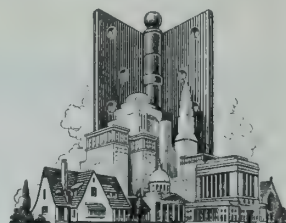
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Durable, too, because Novelty Lanterns are made of all copper and the workmanship is that of real craftsmen.

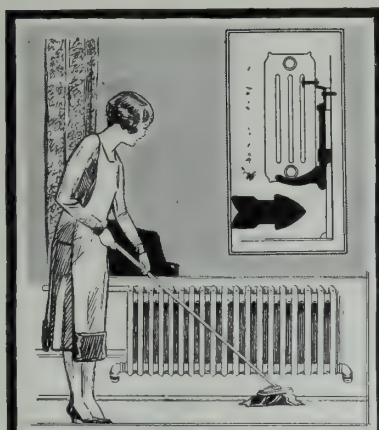
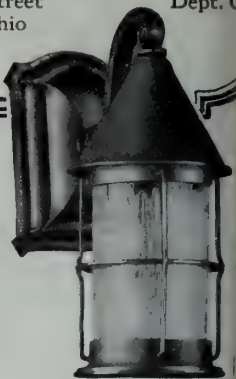
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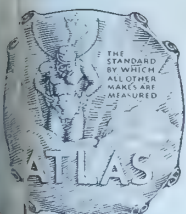
The architect, the contractor, the home builder, have now available in Atlas Portland Cement the complete architectural medium—permanent, adaptable, beautiful and economical, “the Standard by which all other makes are measured.”

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castles stenciled on them in various colors"*

— MARK TWAIN

And from 1850 until Edstrom Red Tip Rollers were invented recently,
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There had been practically no improvement in the roller.

The Edstrom Red Tip Rollers solve the window shade problem. The automatic stops halt the shade before it can be pulled down far enough to rip and tear off the roller and also make it impossible for the shade to whirl around at the top, uncoiling the spring. In addition these new Edstrom Red Tip Rollers may be stopped at every half turn of the roller. More and more home owners now ask for them by name.

A Permanent Investment. Stout, Ample, Honest Construction throughout render Edstrom Red Tip Rollers a permanent investment in home efficiency. Window Shades mounted on Red Tip Rollers stay straight and stay new. The better hardware and furnishing shops and department stores can equip you with these substantial, perfected rollers. Upon the beauty of the shade depends the appearance of windows.

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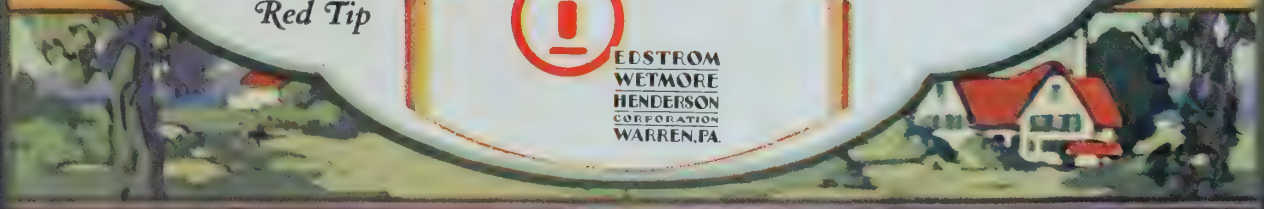
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AUTOMATIC STOP
SHADE ROLLERS

*Look for the
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Cabot's Creosote Stained Shingles; roof blended moss green, walls dark bungalow brown, trimmings Cabot's Double-White. —Rutan & Russell, Architects, Pittsburgh

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Standard Red Cedar Shingles Ready-Stained with Cabot's (Genuine-Creosote) Shingle Stains

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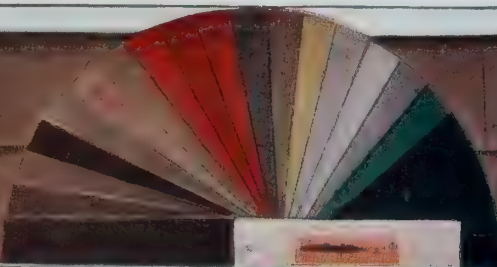
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A Tribute

BY JAMES WALLEN

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Shutters that can be easily and surely adjusted to stay at any desired angle can do various other duties, such as shading the sun's glare, funneling summer breezes and shielding strong winds. They will do this more efficiently than awnings, and from one year's end to the other.

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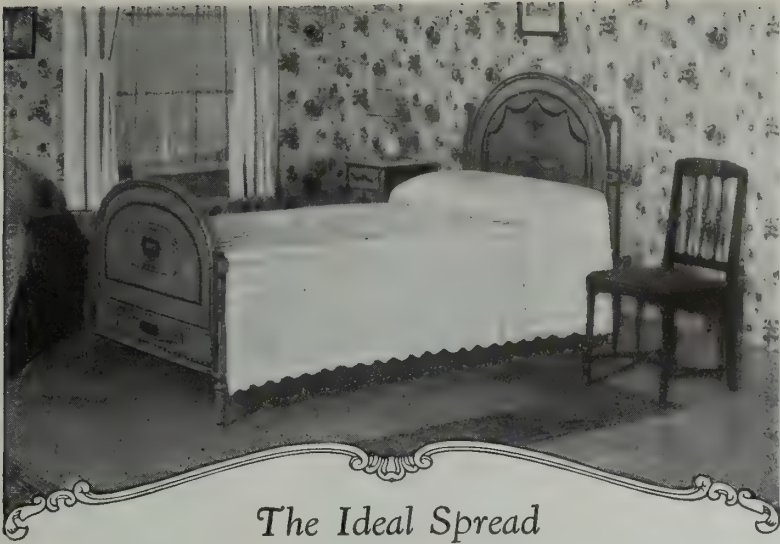
Heretofore shutters have been regarded as ornamental only. Zimmerman Fasteners have now put them to work. When so equipped shutters can be regarded as one of the most practical adjuncts of the home.



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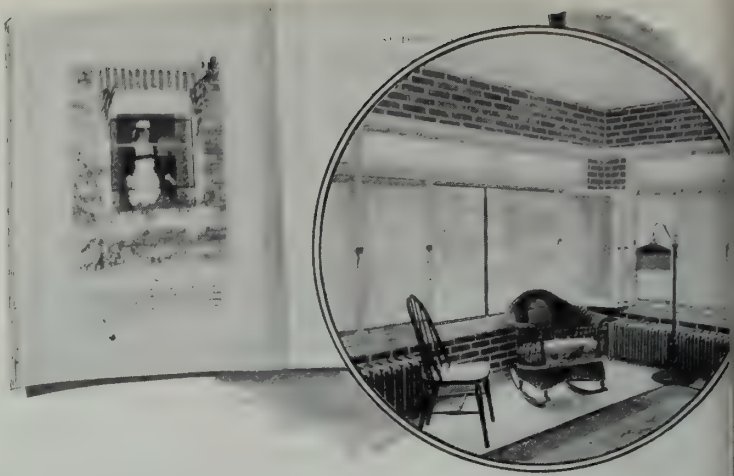
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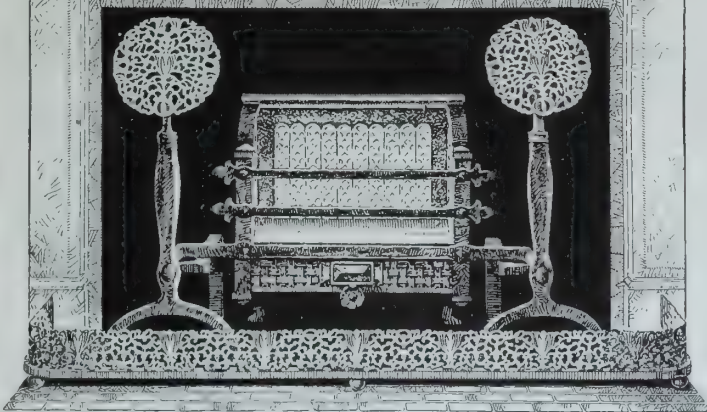
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
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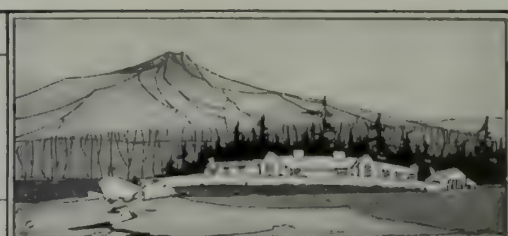
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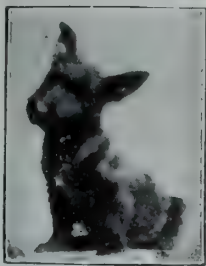
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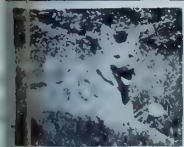


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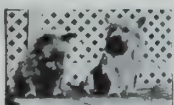
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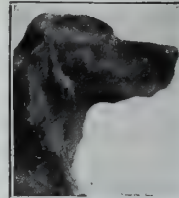
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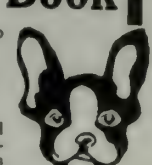
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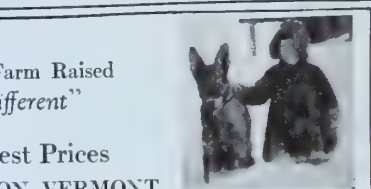
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when they buy a new home, but the wisest ones knock on the plaster. Will they hear a hollow, warning, bass-drum echo?

Or will it be the tense, hard, Rock-of-Gibraltar sound that means Bostwick "Truss-Loop" Metal Lath?

All plaster looks pretty good, when new. It's the Bostwick behind it that makes it look just as good in five years, or twenty-five.

Bostwick walls don't crack, nor bulge, but retain the beauty of the decorated surface year after year. Besides they are a mighty efficient fire protection.

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BEAUTY
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This is the Wax that stops the Wear

Drop all waste here—then FORGET it!



Banishes Garbage Instantly—Permanently!

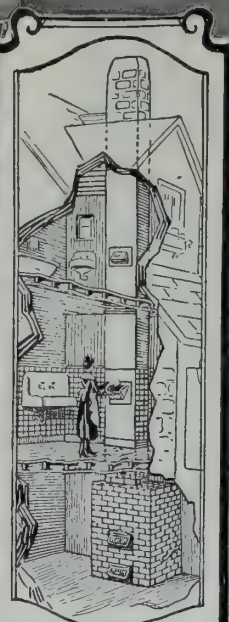
WHISK the kitchen garbage into a paper, drop it into the handy Kernerator hopper door, right there in the kitchen, then FORGET it! This time-tried convenience removes the most distasteful, wearisome task of housework—those countless trips to garbage can and rubbish pile—and best of all,

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KERNERATOR
Built in the Chimney



Here is a typical Kernerator installation. It costs no more than a good radio set and you get rid of the garbage nuisance forever.



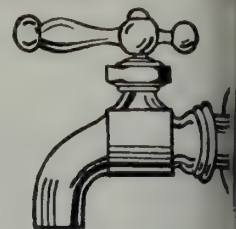
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Also makers of Riso Hurl and Floor Nails made to drive into hardwood without bending

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for Kitchen,
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Sprinkle Sani-Flush in the toilet bowl—follow directions on the can—and flush. Keep it handy in the bathroom.

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Cleans Closet Bowls Without Scrubbing

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An estate has instructed us to dispose immediately of this beautiful country place, of about 14 acres overlooking a picturesque and well-sheltered harbor on the North Shore of Long Island.

Any reasonable offer considered
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House: Completed in 1910, one of the show places of Long Island, inspired by two old European monasteries, of Italian and Spanish design. A lovely blending of the artistic features of both monasteries to produce a dwelling with the charm of olden days and all the comforts of a modern American home. It contains a collection of curios from abroad, the work of many years by the late owner. A huge living room, surrounded by cloisters, is covered by a glass roof; 14 master bedrooms, each with an open fire place. A new Otis elevator at the front entrance. Servants' quarters contain 5 rooms and parlor. Modern heating plant combining hot air and water. Laundry.

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three miles from Clayton, N. Y. commodious country house, electricity, running water, baths, six master bedrooms. Large boathouse, boats. Maids and man's bedrooms. Ice and power houses.

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Frame house and garage in excellent condition; steam heat; beautiful grounds; desirably located near bathing beach.

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Sun parlor, foyer, living room, dining room, wash room, pantry, laundry and kitchen, three open fireplaces.

Second floor:

Five bedrooms, four baths, open fireplace, linen closet.

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Ample servants' quarters and bath, storerooms.

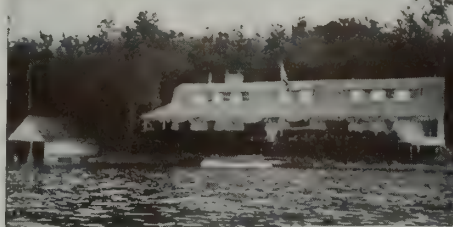
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With living quarters for chauffeur and family.
Flower and vegetable garden.

Price:

\$50,000, unfurnished, with three acres; \$45,000, unfurnished, with two acres. Furnishings if desired at appraised values.

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Convenience, comfort and seclusion combine ideally in this forest spot nineteen miles by road from Potsdam, N. Y. and nine from Parishville. The commodious main camp, the nearby log cabin, the farmhouse, the boat-house and outbuildings, with their 1200 feet of lake frontage, furnish an ideal basis for that best of all good times, a delightful summer in the Adirondacks.

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Just off the highway, under large pine trees; over 30 acres of valuable land, readily released to advantage. Center hall and Colonial rail, old fireplaces, wide board floors. Potential shop place at small expense.

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are in the superb outlook from this roomy home at Skowhegan, Maine. Add to the every modern convenience, and the equal climate of the most famous summer resort State in the Union, and you have exceptionally attractive combination.

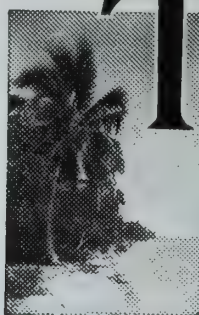
The house, on a plot 99' by 204', has rooms, baths, heating plant, full plumbing and electricity. Hardwood floors and best of materials and finish. Well landscaped grounds include large garage; gardens.

An unusually liberal rental or offer is being made by the owner

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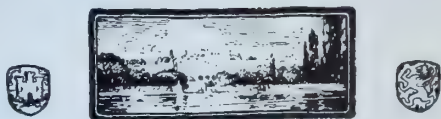
Mr. John McEntee Bowman in the Westchester-Biltmore at Rye, New York, now owns and conducts the most notable sports center at the present time, and is planning the Coral Gables project on infinitely broader lines with the sole purpose of insuring to this section the largest and finest sports center in America.

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It would be hard to find a more beautiful spot than Brandon's famous gardens, sloping as they do to the river, with its sod-covered paths shaded by great pecans, oaks, magnolias and Irish yews.

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Schools start—and the Season beckons. You'll have to move out. Do you know what you're going to move into?

If you don't, or if you think, 'way down amongst your suppressed desires, that you'd like a change—start planning now. Maybe you've been in town for years and would like a house in the country, where men are men, and people skate in winter.

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Or More Rooms

contain the most complete equipment for housekeeping ever constructed.

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about 25%, grants possession. The balance is paid in small monthly payments. Every effort will be made to arrange payments to meet everyone's financial requirements.

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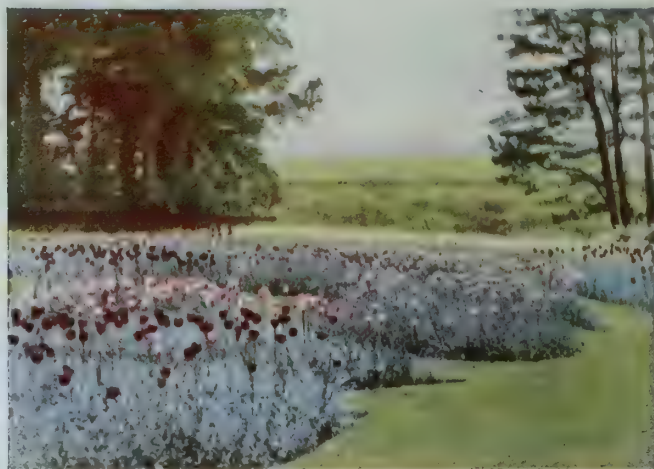
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5 bulbs each, of the 17 varieties illustrated—highest quality selected bulbs, individually labeled, and with full planting directions—Collection of 85 bulbs—\$20. 3 collections (255 bulbs)—\$50.

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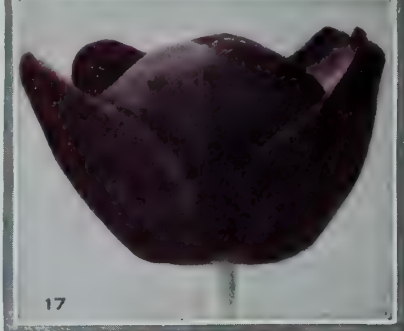
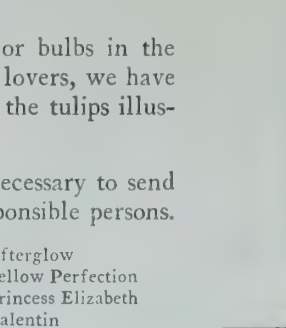
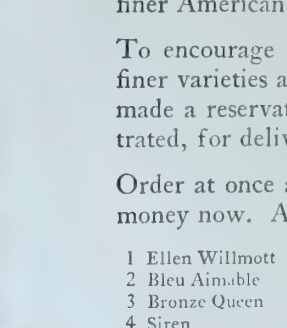
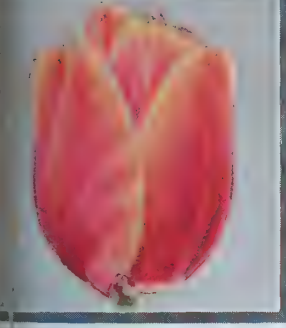
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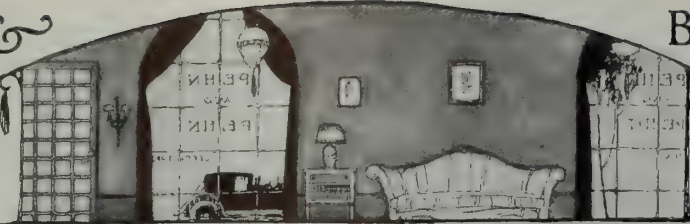
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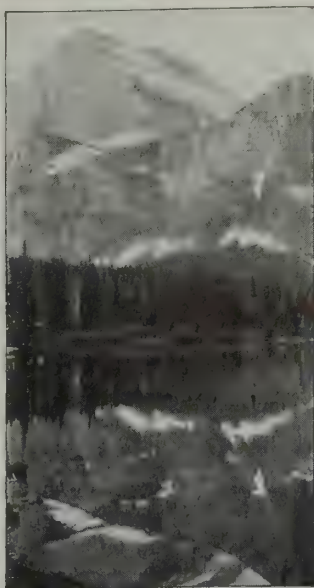
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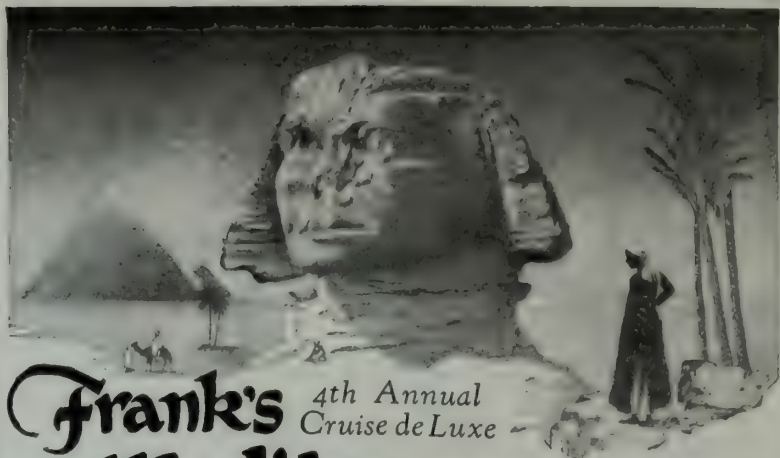
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CHRYSLER SIX

House & Garden



This unusually interesting California house will be shown in the July issue

THE words which go into books and magazines devoted to the making of houses and gardens should flow gracefully, but more important than their manner must be the need that they rise from reliable springs. At their source should rest some authority to which the reader may turn with full assurance. Garden writers should know gardens by more than hearsay; writers on architecture and decoration, on all the affairs of building and furnishing, should have with their subject the familiarity of experts. Without this first-hand knowledge as a basis no writer can expect for long to hold the confidence of his readers. Readers may be led astray in almost any other topic. Elsewhere they will forgive endless inaccuracies, if only these be offered in an entertaining fashion. But let them be misinformed on matters which vitally affect their houses or their gardens and they will find little comfort in the fact that they have been drawn into mistakes by an article howsoever delightfully written.

That is why HOUSE & GARDEN goes to such a recognized authority on horticulture as "Chinese" Wilson for articles on plants, to such a seasoned expert in practical gardening as Mr. Rockwell for material on greenhouses and vegetable growing, and to practicing architects and landscape architects for essays on architecture, building and garden design. Where garden amateurs appear in the magazine they are amateurs like Mrs. Wilder and Mr. Durant, who have devoted their lives to certain garden hobbies and have gained thereby almost unequalled excellence in their particular subjects.

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JUNE, 1925

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It is one thing to be sufficiently interested in the subject of interior decoration, say, in order to write about it from the standpoint of an observer, but it is something else again (and to us an infinitely more valuable something) to write about it from the inside out—as one fully experienced in designing and carrying out interior treatments. Such articles not only carry a fine flavor of competence but must certainly contain information obtainable in no other way than through close contact with the actual conditions of the profession.

By keeping this fact continually in mind we collect for HOUSE & GARDEN just the sort of material in which the readers may place their confidence. We are aware of the fact that there may be a difference of opinion in matters of taste, but on these points the individual must be his own judge. Of what he reads in the magazine he may be sure has been done, or can be done, successfully.

The same method of editorial selection applies to photographs of completed houses, gardens and interiors, as well as to drawings of proposed designs. With these the authorship is given careful consideration. We know (because we know the creator in each case) that these things have been competently and artistically made, and that therefore we can offer them as examples for guidance and inspiration. In this way a certain authority must inevitably pervade the magazine as a whole; and that is our aim—to let the reader feel that everything in our pages has been submitted to such high standards of excellence and authority that in them he may place complete reliance.

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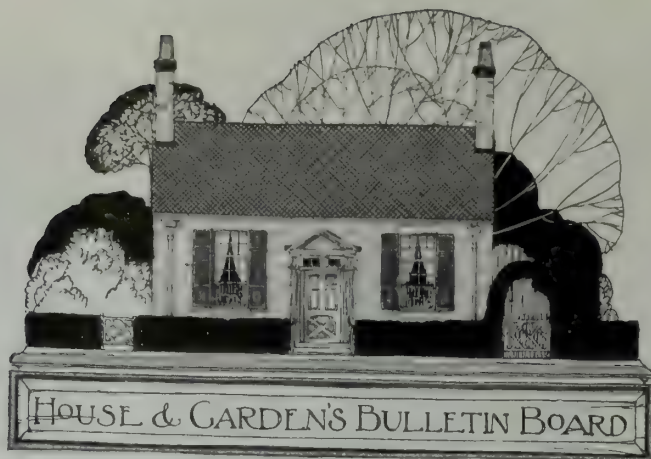
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WE CONFESS to a rather affectionate regard for the principal theme of the July issue. It is the Small House Number, and the small homes idea runs through its pages from *Contents* to *Gardener's Calendar*. That means not only that small homes are stressed but small gardens as well. Most important of all will be the showing of the first of a series of very small homes designed especially for HOUSE & GARDEN by a group of unusually gifted young architects. Eight pages will be devoted to this—a spirited little building done in the manner of a Normandy *manoir*; to its exterior architecture, its interior decoration, furnishing and equipment, and to its garden. Its architect is Daniel Neilinger, head designer in the office of Harrie T. Lindeberg. The extraordinary popularity of the four Ideal Smaller Homes which made their first appearance last July leads us to believe that this new series devoted to the Very Small House will be even more successful, for its appeal must be greater.

The Little Portfolio of Interiors will contain the living room of a Cape Cod cottage and four rooms of an apartment in Atlanta. There will be a page of lights for the dining room and an article on *petit point*.

For the gardener, Mr. Wilson writes on the fibernums, Mrs. Wilder on the rock garden bulb order, Mr. Rockwell begins a series of articles on the small greenhouse, and there will be a practical and illuminating essay on the Dahlia.

Other important matters on the list are the Town Betterment Plans for Roadside Signs, a page of Stone Walls, and an article on the very special pot for the kitchen. It is the sort of collection, on the whole, whose appearance we eagerly await, for it is full of interesting contrasts: of contrasts with one common interest—the small house.



IN THE light of the not distant approach of January 1, 1926, that gloomy date beyond which Narcissus bulbs may no longer be imported to the United States, it is encouraging to note that the true gardening interests of the country are waging a determined fight against these drastic embargo provisions. The Garden Club of America, various horticultural societies and flower trade organizations are leading the attack, and thousands of individuals are following eagerly.

HOUSE & GARDEN CONTRIBUTORS IN THIS ISSUE

ELSA REHMANN is a landscape architect, practising in New Jersey, the author of "The Small Place" and of many magazine articles on various phases of her profession.

E. H. Wilson is Assistant Director of the Arnold Arboretum, a plant explorer of note and one of the greatest living horticultural authorities. Among his many important introductions is the Regal Lily of which he writes in this issue, though he fails to mention herein the fact that the finding of this remarkable flower in the back blocks of China was accomplished only after he had been caught in a landslide from which he will carry a limp the rest of his life.

F. F. Rockwell is one of our leading specialists in bulb growing and the author of many books on gardening.

Louise Beebe Wilder grows in her Bronxville garden one of the finest collection of rock plants in the country, which fact gives her books and articles on rock gardening their delightful touch of close acquaintance.

Elizabeth Leonard Strang is a landscape architect, practising in Massachusetts, who contributes occasional articles to HOUSE & GARDEN on the problems encountered in planning the small place.

Harold H. Scudder is a gifted amateur in pigeons and gardens at Durham, N. H.

Frederick Houston is an architect, practising in New York City, who is contributing regularly to HOUSE & GARDEN on the various practical elements of architecture.

Ethel R. Peyser is an expert on household equipment and management and a writer of articles and books on the many phases of her much needed vocation.

Gardner Teall has contributed to HOUSE & GARDEN for many years articles on collecting, decoration, furniture and gardening. He is the author of several books on these subjects.

Mrs. Somerset Maugham, the wife of the playwright and novelist, is a well known English decorator.

Mrs. Harland H. Allen is a writer on economic problems as they effect the woman who manages the affairs of the household. Though she has 12,000,000 readers of her syndicated newspaper articles, this is her first appearance in HOUSE & GARDEN.

WHILE this issue is being prepared for the printer there is being held in New York one of the largest exhibitions ever devoted to architecture and the allied arts. The Grand Central Palace is filled with recent examples of the work of architects, sculptors, mural painters, landscape architects, decorators, town planners, and craftsmen. As a complement to these are being shown by manufacturers practically all the products and equipment which enter into the construction and operation of buildings. It is a comprehensive—an immensely educational, affair. It is something which might do well to run on for a month or more, instead of a scant two weeks; for it takes time, and many visits, to assimilate such a vast array. And it is satisfying to note that the best of the houses and gardens there, have been, or will be, shown in these pages.



OLD DOC LEMMON SAYS—"Wal, sir, another landmark's changed hands: thet rich doctor from New York's, bought the Zeb Hoskins farm at last an' old Zeb he's shoved the twenty-five thousand dollars in his pants pocket, got him a shiny black bag an' a new suit with red galluses, an' gone on a trip 'round the world with one o' them towerist cruises they're allus advertisin' down to the railroad station. Zeb 'lows he ain't never comin' back, but I dunno—when a man's family roots hev been growin' in one place fer two hunderd year, 'tain't easy to grub 'em out.

"Ye see, Zeb's great-granddad he got them hunderd acres from the Injuns fer two bar'ls o' rum, an' him an' his sons cleared the land an' built the old house with their own hands. Built her honest, too, plumbin' her by eye—chestnut sill a foot thick, white oak rafters with the bark still onto 'em, oak floor boards a good twenty inches wide. Since 1756 she's been standin' thar, sun an' storm, solid as a church, an' I don't see no reason why she won't keep right on a-standin' fer 'nother couple o' centuries.

"Two bar'ls o' rum in the beginnin', twenty-five thousand dollars at the end. In between, the pleasures an' pains o' four gen'rations o' good old American stock. Yep, I cal'late Zeb'll come back ag'in, all right!"





Healy

WHERE THREE ARTS MEET

There should be a spot in every garden where the architect, garden designer and sculptor join hands. Here it has been done, and this fountain basin in the garden of Herbert N. Strauss, at Red Bank, N. J., shows with what great success. The bronze

goose and frog, to balance the composition, are repeated on the opposite side of the pool where the balustrade begins again. F. Burrall Hoffman was the architect, C. C. Rumsey, the sculptor, and Martha B. Hutcheson, the landscape architect



SCULPTURE IN THE GARDEN

*Flowers and Foliage are a Perfect Foil for
Figures and Ornament in Stone, Lead and Bronze*

ELSA REHMANN

THE very thought of sculpture in the garden evokes pictures of Italian villas for they are hardly imaginable without their marble ornament. Most of their statues belong to a time imbued with Roman antiquity, when myth and legend were woven into art. Hercules exhibits his prowess; Venus stands enthroned in a niche; Florence is caught in the act of wringing with her hands the luxuriant tresses of her hair whence water flows on every side to typify the streams that flow to the city from the mountains all around. Neptune stands poised upon the surface of the fountain; tritons gallop their sea-horses through the water; nymphs rise from the pool, dolphins

gambol about in the water; and children play and hide themselves under the shelving shells of the fountains as if seeking dry shelter. Fawns and dryads, satyrs and winged dragons abound on pedestal and wall; Floras and philosophers vie with one another for places along the hedges and Termes play at marking garden boundaries for with human head but without arm or foot they never moved from their appointed places. All these statues belong to gardens of gushing fountains and playing waters, to gardens where marble finds a foil in Cypress and in Ilex, to formal gardens where they embellish balustrade and boundary wall or mark the importance of

a pool or a niche in the general design.

It is the mission of sculpture in the garden at all times to put the culminating touch to the design. Little change has been made in its decorative usefulness. We have originated no new place for the statue. The intersection of paths is marked by accenting figure, raised high upon a pedestal; the hedge-lined *tapis-vert*, the pleached alley, the arbored way, is terminated by a statue. The pool is made a more emphatic feature in the design if a statue rises from its center; the wall fountain is a more interesting ornament in the garden if it is adorned by a figure; the path becomes a more important element in the design if it is terminated



In an English garden this lead urn has sat for a century or more on its limestone pedestal until both, mellow with age, seem as much a part of the scene as the ancient Yews



Ionides

The bronze fawn is extremely effective against the white-washed stone wall of this English gate lodge. Basil Ionides, architect



In a recessed panel of a brick wall this Bacchic bas relief forms the background for a fountain. Mahonri Young, sculptor



Perrett

This child with its struggling goose is a piece exquisitely done in bronze to set among the Pansies. Frances Grimes, sculptor

by a statue. The statue can stand out in silhouette against the sky but it likes better the friendly background of trees. The statue can stand out in bold relief in the grass center of the garden but it likes better a place in the recess of a hedge or in the niche of a vine-clad wall. The statue delights in a sheltered place, in a hidden nook, in an unfrequented corner. The statue chooses a friendly place close against a tall hedge or amid the tangled growth of Roses or where vines can trail about its pedestal and flowers encircle its feet. If, in its placing today, the statue seems to attain a mood different from that of older places, it may be due to the ever growing intimacy of gardens that puts the statue in close association with intermingled flowers and with a vegetation that knows no shears.

The material of which the statue is wrought is still the same, too. Marble will ever be for formal effects, the accompaniment of boxwood and bay-tree, of hemlock hedge and background of pine. Lead figures have adapted themselves graciously to formal and informal gardens in France and in England. But, bronze seems the material best fitted to gardens that we designate as informal or naturalistic. It is a material happy with rugged stone, with dry-laid wall, with flower draped rocks, with herbaceous borders and with deciduous vegetation. The varied tones of its finish, too, make it delightfully adaptable.

With every change, however, in the
(Continued on page 104)



This lovely figure of Philomela, goddess of poetry, was done for the garden of Mrs. Harry Payne Whitney at Manhasset, L. I., by John Gregory, sculptor

Even the disturbing difference in scale between the figures here does not destroy their effectiveness against this bold white garden gateway with its exquisite wrought iron work



tonides



Here is the Classic tradition revived by the unusual skill and personality of the sculptor, Paulanship. The figure terminates a path in the garden of Charles M. Schwab, at Loretto, Pa.



M. E. Hewitt

The picturesque house above and its informal sun-swept terrace, furnished with an attractive assortment of painted wood and wicker, is in Ashfield, Mass., the home of Henry T. Curtiss. Louis S. Weeks, architect



Perrett

Left. A decorative feature of this terrace is the pool at the far end. It is in the home of Z. G. Simmons, at Greenwich, Conn.

Above. The rough stone of the terrace and steps affords an interesting contrast in texture to the stucco of the house

A VARIETY OF TERRACES



M. E. Hewitt

An important addition to the house above, another view of which is shown on the opposite page, is the wide terrace paved with grass-grown flag stones and given color with a multitude of potted plants



Warrenton

The wide paved terrace above effectively links the house to the garden. In the home of Z. G. Simmons, Greenwich, Conn.

A terrace in California furnished with iron and wicker pieces has a colorful tiled floor and roof of Spanish sail cloth



IN SUNLIGHT AND SHADE

MUSIC IN THE GARDEN

*Wherein Are Touched Some of the Notes One Hears from the Instruments
of the Birds, the Friendly Garden Insects, and the Forces of the Sky*

TO the rather literally inclined the human senses to which a garden appeals may seem but two: sight and scent. The flame of Oriental Poppies blazing in the sun, the intoxication of the Honeysuckle's breath in the June twilight—these are real enough even to the least imaginative of souls. They and their like are unescapable, but is theirs the greatest value merely because it is obvious to all? Is there not quite as much to be said for the subtleties of music by which they are surrounded?

Of an August noonday the garden's music is drowsy, sun-steeped, perfect in its fitting of theme into theme. The crescendo rustle of a cicada's song lends its overtones to the orchestration of a thousand unseen, elfin players on grass blade, leaf and twig. It ceases, and in the hush another soloist takes the stage—a distant bell, swung dreamily in the lush meadow at the hill's foot. Now faint, now clear, it weaves its melody as the heat waves rise and shimmer. A symphony of contentment, of lazy, carefree rest on a score-sheet of warm light and luminous shadow.

How different is the allegro of a June morning when the birds give thanks for a night of cool fragrances and a new day wherein good cheer shall wait on appetite, and song on both! Did ever an orchestra leader inspire in his players such a zest, such a keen spontaneity, as those which stir the birds while the East pales and flushes into the full gold of a young summer morning?

At such a time one hears from the garden the most varied chorus of the whole year's program. Scarcely a string or reed known to the orchestra but finds its counterpart in the notes that swell in a maze of intricate variety. A thousand singers with a hundred songs are hard at it, and yet one catches no slightest discord or falseness. Nature's musical compositions are as perfect as her color schemes, and in both there is an absence of clashing which the greatest of masters may well have envied.

OF a quite separate character are the harmonies which drift across the lawn and come to rest among the flowers at the day's closing. There is about them an absence of urgency, a sense of golden, full-fed leisure which the music of earlier hours somehow misses. They are less varied, too, for scarcely more than three singers contribute to them—the woodthrush, the robin and the veery. But theirs is a satisfying, well rounded perfection which chimes with the place and hour. One thinks of sun bars slanting through high windows, of incense and the peace of altars, for the thrushes are the surpliced choristers of the garden, as the brown thrashers and chewinks are its minstrels.

Black night at the end of summer brings to the garden a witches' score to which the weirdest Faustian story or heathen

folk-dance might well be set. In the incessant beat and throb and thrust of Nature's insect fiddlers pulses the soul of darkness, of mystery, of creeping, furtive figures.

At first, as one leaves the house and moves through the rose arch to the walks beyond, the ear is bewildered, even dulled, by the insistence of the sound volume. But presently that feeling passes, and one begins to sort out aurally the tiny players: two castanets, a dozen snare-drums, a hundred high pitched strings weaving and interweaving. Minute after minute, hour after hour, until the chill that precedes the dawn dampens drumhead and bow and sends the wee performers wearily to bed.

Such are some of the more outstanding themes one hears in a garden's music. Each is perfect in its way, each is played in a setting which puts the spirit of the listener in complete accord and assures the maximum effect. But before the mighty organ tones of a summer storm all shrink to insignificance, vanish utterly even from the memory.

WHAT a superb Wagnerian prelude is played as the thunder-heads climb muttering up the western sky! Snow-white at first, bellying sails of a stupendous Flying Dutchman, they pile and spread and darken as the theme within their folds develops and shakes the world with its reverberations. Every force of heaven, the whole illimitable power of a whirling universe, seems in turmoil there. Before its overwhelming might the earth cowers breathless, helpless for defense, abject under the threat of the elements.

Then, with a sudden outburst of fury as though the tortured sky had at last been shattered by the struggle, comes the Valkyrie's rush of the wind and rain. The tempo leaps forward, the pitch rises to a shrill, compelling medley that staggers the senses. With terrific gestures the invisible leader drives his players on to a frenzied climax of effort. Puffed cheeks, crashing drums, tau arms that all but tear the strings from cello, violin and harp. Under the clash and fierce majesty of it the earth can only bow stunned head and wait dumbly for the lash to cease and the darkness to be succeeded by light and the calm, peaceful colors of sunset.

The music of a garden may not be set down in score nor played on the most sensitive of instruments. It defies mere man-made rules of composition for, like the soul of the Little Wild Thing in Dunsany's fantasy, it is compounded of the essences of Nature and the universe. Its interpreters are the rain, the leaf in the wind, the throats of birds. Its moods are as varied as the day cycle, the seasons' passage; its tempo, infinite as the heart of Beauty.

R. S. L.





Gillies

THE ENTRANCE PORCH

It is nice to know that there is plenty of space for the hails and farewells of a country house. In town these formalities are made indoors, but as the city limits are left behind custom changes, and guests are met and seen away with finer freedom, oftener than otherwise in the open air. Such a porch as this is an ideal

spot for parting and receiving, and its suitability for these ceremonies makes it as charming as it is architecturally beautiful. The house, a Colonial adaptation in white wide-faced shingles, with gracefully wrought details in its woodwork, was designed for J. V. Terbell, at Greenwich, Ct., by Patterson-King



Mr. Wilson first brought back from China the Regal Lily, *Lilium regale*, which is fast becoming a popular type for American gardens. It is easy to raise and bring to flower. Here a massed planting is shown in a New England garden.

THE GLORY OF THE LILIES

This Great Family Has Abundant Representatives Of Which Many Can Be Grown Here

E. H. WILSON, V. M. H.

LILIES produce the largest flowers of any bulbous plant that can be grown out of doors in the temperate regions of the world. They are very old inhabitants of gardens and have been favorites for centuries past. Quite a number are native of this country, others hail from Europe and Asia. Four (*Lilium longiflorum*, *L. speciosum*, *L. auratum* and *L. regale*) rank among the greatest gifts of the Orient to western gardens. The chaste and exquisite Madonna Lily (*L. candidum*) is of Eurasian origin.

Some Lilies are easy to grow and establish in our gardens, but many are difficult. The Tiger Lily (*L. tigrinum*), a native of the Orient, is naturalized in many parts of New England where like the Lilac, it often marks the site of old homesteads. It owes this perpetuation to its strong constitution and to the bulbillae which, resembling beads of jet, nestle in the leaf-axils and later falling to the ground give rise to new plants. Yet favorites as Lilies down the centuries have been, it cannot be claimed that we have mastered their cultural needs. The requirements and idiosyncrasies of a few are understood, but in regard to the



The Philippine Lily is hardy only in warm climates. It is one of those that we have to forego unless we can give it adequate protection

majority there is much to be learned. A great many are really best suited to grow in rockeries where they can enjoy good sharp drainage which is most essential to their well-being.

For planting in cool temperate regions Lilies may be divided into two groups: Hardy Lilies of which *L. tigrinum*, *L. regale* and *L. henryi* may serve as examples; not hardy, of which may be cited *L. longiflorum*, *L. neilgherrense* and *L. philippinense*. Or, they may be divided into Swamp Lilies, which would include nearly all the American species, and dry land species, which would include most of the species of China and Japan. With almost equal propriety these groups might be styled humus-loving and loam-loving respectively. Also we might divide Lilies into shade-loving kinds, as for example *L. giganteum*, and sun-loving such as *L. regale*. But not to waste time it may be laid down as a law that in the average garden situated in the temperate parts of North America, only such species as are perfectly hardy can withstand sun and call for moderately dry land have any chance of becoming successful denizens. For such gardens swamp Lilies



(Left) The Golden-Rayed Lily of Japan, *Lilium auratum*, is a popular garden sort that loves an open porous leaf mold

(Center) Mrs. Bayard Thayer's Lily came from the Thibetan grasslands; may be relied on to thrive in American gardens

woodland Lilies, and alpine Lilies, with a few exceptions, may be ruled out entirely.

All Lilies demand good drainage. When one thinks of swamp Lilies this statement may sound unscientific. But dig up a few of these Lilies and note carefully the exact conditions under which they grow. It will be found that the bulb rests on a stone or a piece of rock or in a tuft of firm sod, or nestles in gritty sand. The roots are in wet mud or may even hang free in the water;

The chaste Madonna Lily, as it grows in equatorial Africa. It is a type that resents moving and prefers a stiff loam and a sunny spot



but the bulb is so placed that water cannot stagnate immediately under and around it, and in winter it is fairly dry.

A few swamp Lilies like *L. superbum* of eastern North America and the Panther Lily (*L. pardalinum*) of California may be grown without difficulty among Rhododendrons; but for those requiring more moisture, if their culture be attempted, it is a good plan to invert a flower-pot at the

(Continued on page 116)

Below is a clump of Regal Lilies growing in an American garden. It should be planted deep and well mulched in winter



The Lily, named after Mrs. Charles S. Sargent, bears a noble flower. It hails from the upper reaches of Thibet



JUNE PLANTING FOR DECEMBER'S VEGETABLES

*By Growing The Right Sorts And Planting At The
Right Time A Remarkable Crop Can Be Harvested*

FRED F. ROCKWELL

I HAD been gardening for years,—in fact I had written reams and given lectures, telling others of the joys and profits of “growing your own”,—before I stumbled across one of the biggest of all garden secrets—how really to enjoy your vegetable garden through the winter.

In this winter garden I got the idea from someone who had fallen upon it by accident. I was giving a talk somewhere on “winter gardening”—flowers, not vegetables—and at the dinner table of the president of the local garden club, who entertained me, we had the most delicious fried Parsnips I had ever eaten. You know what the usual fried Parsnip is, a thick brown slab of a big-should-

ered root, which tempts you by its appealing taste, but which you indulge yourself in with hesitancy, because you cannot but realize what the tough core and the fibrous texture of the delicacy will do to your digestive apparatus. But these Parsnips—

they were slim, tapering little roots, split once, the largest not much over an inch at the shoulder, done to a rich Rembrandt brown. There was no fibre in them, and so little core that it just made a pleasant little resistance to snap your teeth through.

Good? I'll whisper with a megaphone to the gastronomic world that they were!

“Madam,” I said, “your house plants are dear; your dinner is delicious; but your Parsnips are divine. Where on earth did you ever discover that variety; and what is it?”

“It isn't the variety; it's Horace,” she answered proudly; and obviously joyous at the opportunity to display her husband's skill as a gardener. “He's

(Continued on page 124)

This orderly kitchen garden is in the autumn state, with rows of Celery hilled up to blanch and late vegetables across the path



Another view of the same garden in autumn. Godley & Sedgwick were the architects and James L. Greenleaf landscape architect

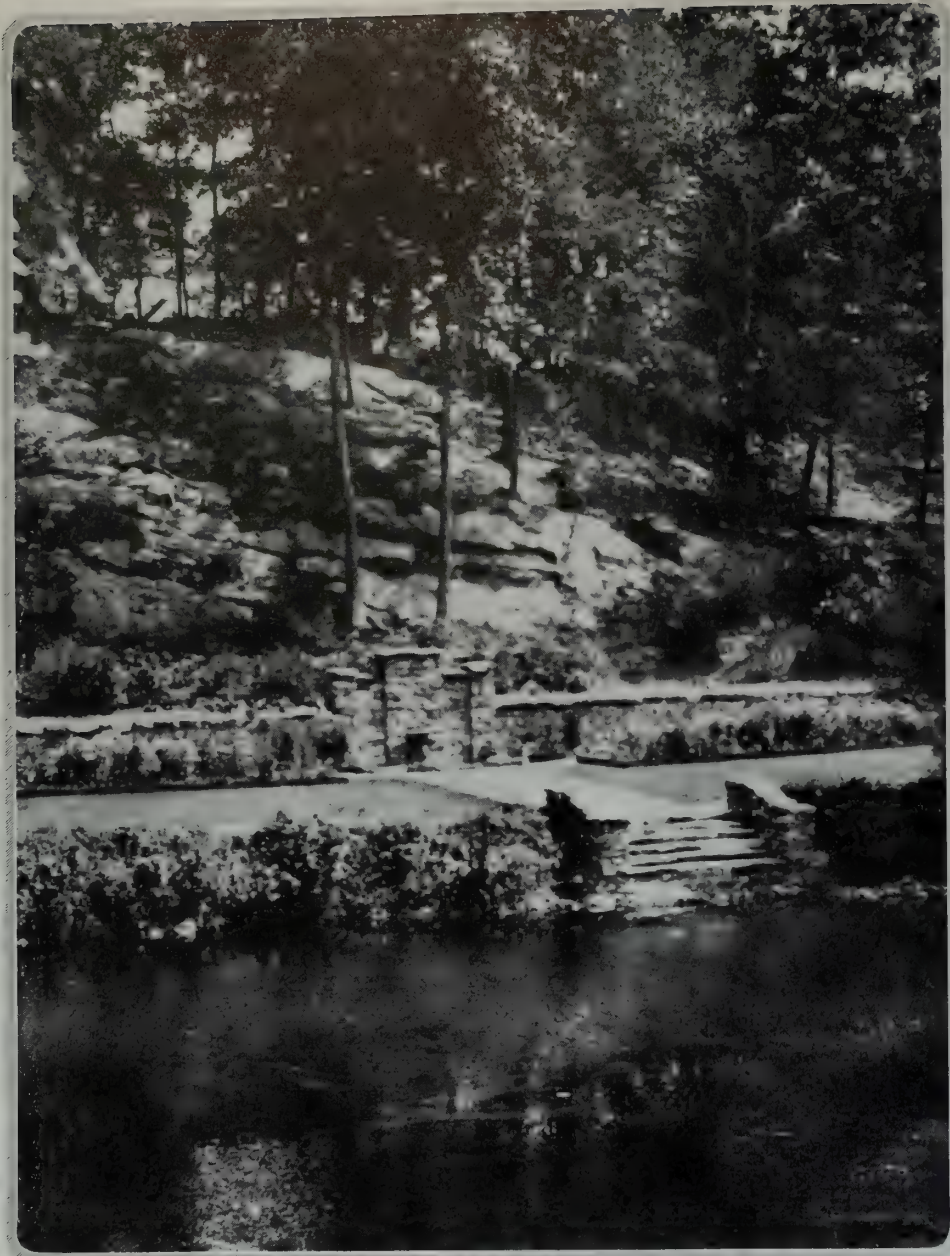




The site of this garden was a boulder barren when the owner, in spite of pessimistic advice, began the grading and blasting which finally brought the entire area to an even state of fertility and smooth, level topography



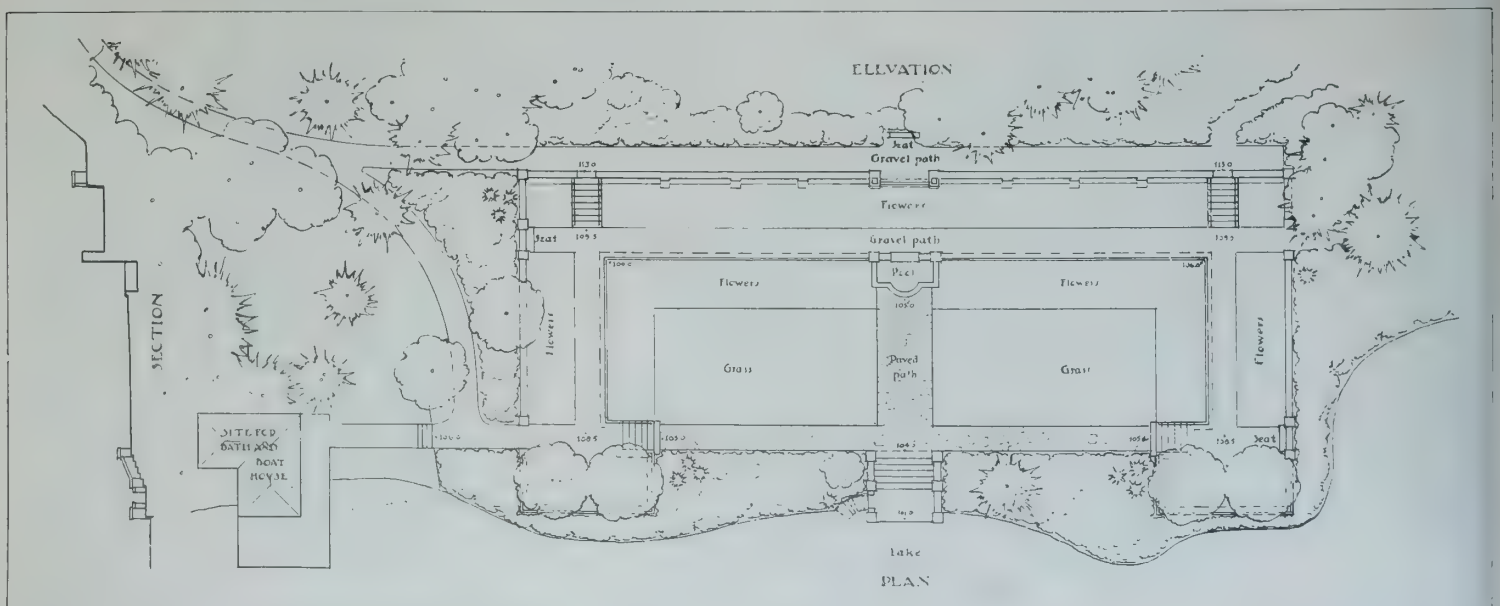
Now it is practically level, surrounded by a stone wall made from the boulders, and a mass of blooming annuals. From the arbor may be had an amazing view of Hudson River valleys. Crosby Gaige, Peekskill, N. Y. owner

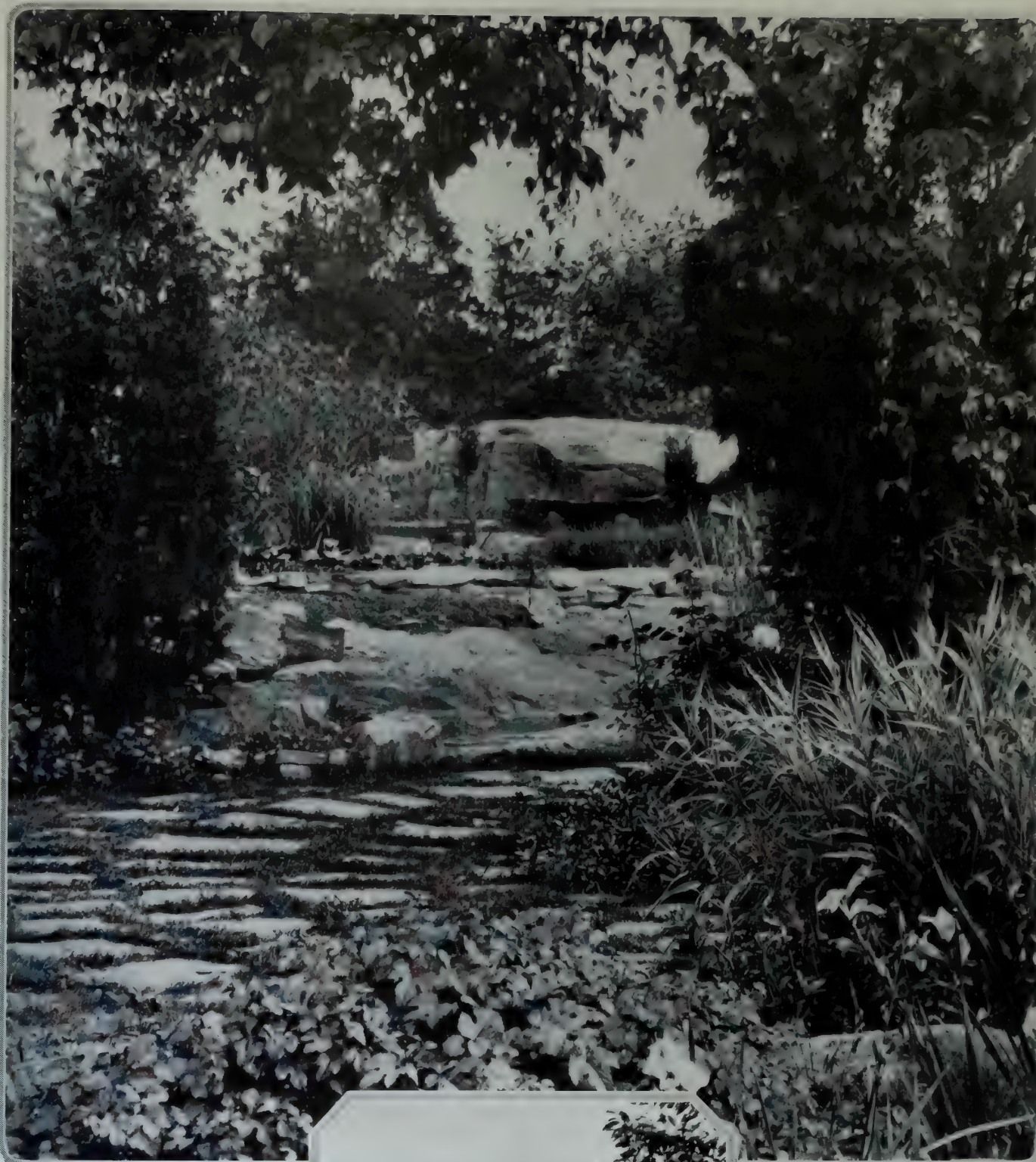


This garden separates the rocky hillside from the quiet sheet of water in the foreground. Retaining walls and steps carry the grades leisurely to the water level

A LAKE SIDE GARDEN IN CONNECTICUT

This Cos Cob, Connecticut, garden was designed by Charles Downing Lay and Robert Wheelwright, landscape architects, for Maurice Wertheim





A LARGE GARDEN
ON A
SMALL PLACE



The cleverness with which this rock garden has been designed conceals the fact that it occupies a space but fifty feet square. The work was done entirely by its owner, John V. S. Oddie

The pool lies in a solid rock basin and is filled with blue, white and pink Water Lilies, Water Hyacinths, and Yellow Water Poppies. The garden is at Sound Beach, Ct.



In the centre is an example of Irish Belleek porcelain from the Pennsylvania Museum. To right and left marks of American Belleek

IRISH AND AMERICAN BELLEEK PORCELAIN

*The Story of How an Old Tradition
Is Being Carried On in This Country*

GARDNER TEALL

CHINESE porcelains were long the envy and despair of European potters. Finally Johann Friedrich Böttger, experimenting for the Elector Augustus II of Saxony, succeeded in producing porcelain from materials similar to those used by the Chinese. This was between the years 1710 and 1712. Thenceforward porcelain manufacture in Europe made great strides, and although original work was the result of national temperament, European potters sought ever to surpass or at least to equal the distinctive wares of China.

Thinness and translucency were greatly desired. The Chinese so-called eggshell porcelains inspired European ceramicists to efforts to imitate these wares, and no wonder. The products of the Chinese kilns of the reigns of Yung Chêng and of his son Ch'ien Lung (1723-1796) were eagerly sought by European collectors and commanded enormous prices. As time went on, the potters of the western world succeeded

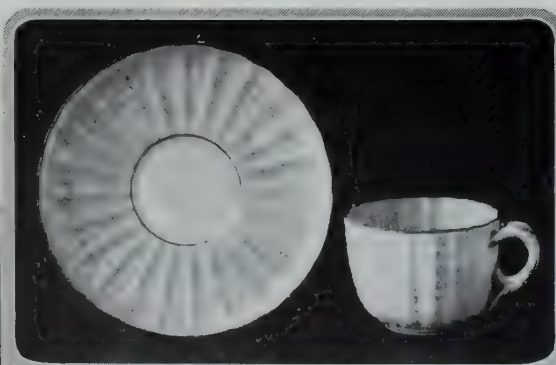


An American Belleek vase made in Trenton, N. J. in the early '90's

in making porcelain of extraordinary thinness. Glazes likewise had occupied these potters, although the problem of faience glazes had for some centuries before Böttger's experiments given concern to the potters of Europe from the time of the Italian majolica craftsmen, of Bernard Palissy and down.

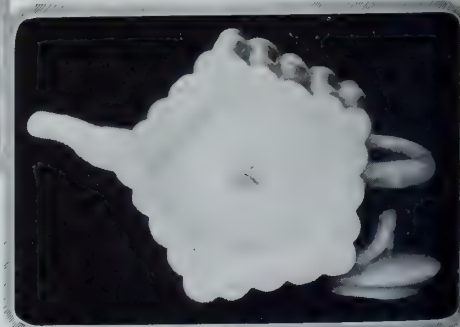
The *madreperla* lustres of the old majolica wares of Gubbio and of Deruta in Italy long puzzled potters of a later day. While these had entered the glazes of the old faience or earthenware, the early 19th Century porcelain makers hoped to discover a method for giving iridescent glazes to thin porcelains. Among these experimenters was a Frenchman, J. J. Brianchon, who perfected a glaze giving a mother-of-pearl effect to porcelain. He took out a patent for this process in Great Britain and, in consequence, British manufacturers using the glaze could only do so by arranging with him for his permission in each case.

An exquisitely modeled teapot of early Irish Belleek in the bamboo pattern. The tops and bases of the stems are slightly iridescent



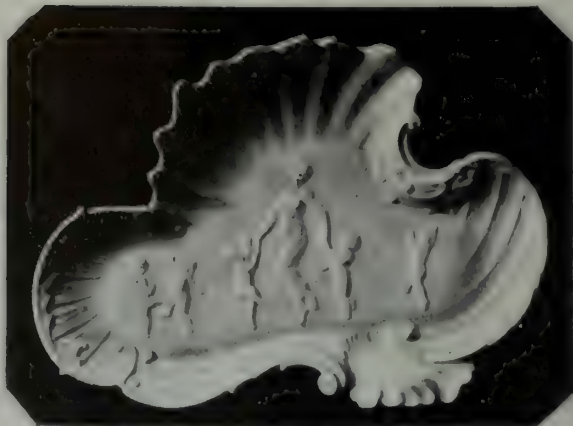
An example of American Belleek cup and saucer, with shell surface and gold line decoration. Made by Ott & Brewer at Trenton, N. J. about 1890. From the Pennsylvania Museum

The characteristic mark of the wolf hound, castle, harp and shamrock is found on this Irish Belleek teapot. Collection of Mrs. J. E. Cass





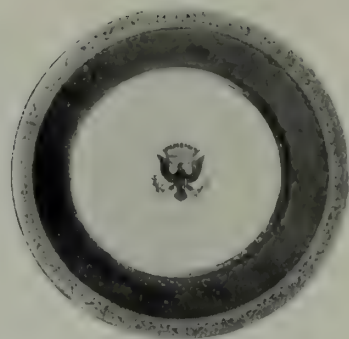
Place plate of modern Belleek, with Chinese motifs in rich colors. Courtesy of the Lenox Co.



An American Belleek tray modeled in relief, by Morris & Wellmore, at Trenton, about 1893



The wolf hound, castle, harp and shamrock by which collectors tell the Belleek of Irish make

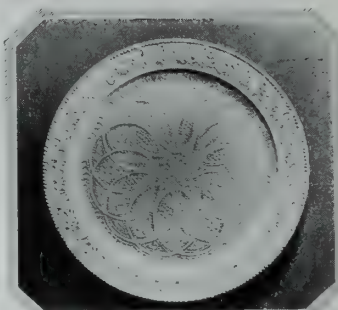


Service plate of the first American china to grace the White House. Copyright by Abby Giam Batar

It has been said that until the expiration of Brian-chon's British patent rights all iridescent glazed ware in England was brought from the Continent. With the expiration of the Brian-chon patent, English potters appear to have turned attention to attempts to produce an iridescent porcelain glaze on their own account. Experiments were probably undertaken at the Royal Worcester Porcelain Works where experiments with clays from Cornwall had been made in the attempt to produce a paste suitable for the making of eggshell porcelain.

About this time William Armstrong was architect to the proprietor of the Royal Worcester works and greatly interested himself in these experiments. David McBirney of Dublin appears to have been a friend and correspondent of Armstrong's at this time and to have communicated to Armstrong the fact that requisite materials for porcelain manufacture were to be

The Cupid vase was the first piece of Belleek to be made in America



Large Irish Belleek plate. Collection of M. Holden, Port Chester, N.Y.

found in Fermanagh County, Ireland. At any rate, in 1857 a pottery was established in the County at the village of Belleek. Here kilns were set up on a little island in the River Erne.

In 1863 Armstrong entered into partnership with McBirney under the firm name of McBirney & Co., a partnership which continued until the death of McBirney in 1882, then leaving Armstrong sole proprietor.

The local clay of Belleek contained about seventy-five percent of feldspar in its natural state. After firing the body is akin to Parian. It is extraordinarily light in weight and adapted to making up into extremely thin pieces, quite as thin as the famous eggshell porcelains of the Chinese.

At Stoke-on-Trent, Staffordshire, England, William Henry Goss had also been experimenting with clays and glazes in his pottery. He had

(Continued on page 102)



Bowl and candlesticks of modern Belleek, decorated in gold on cobalt blue. From Lenox Co., Inc. The marks are from American Belleek pieces



GIVING THE HOUSE A LIFT

*There Are Dumbwaiters and Elevators, Easily Installed,
Which Lighten Remarkably the Burdens of the Household*

ETHEL R. PEYSER

DO YOU realize the amount of horsepower it takes to get yourself up and down the cellar stairs or pass from the dining room floor to the nursery? Have you considered the steps it takes to bring trays to an invalid? To answer door bells? To carry out the thousand-and-one duties of the day? If you have never thought of these things and are still suffering, you will probably enjoy the following discussion of the elevator and dumbwaiter as step and time savers in the home.

Before going further, it might be well to list some of the uses for these mechanical carriers:

1. For trunk lifts in country houses, especially as there are few people, who have lived in the country who have not waited in terror the advent of a wardrobe trunk or two, wondering how to carry them upstairs, especially, when there is no man on the premises or when he is in the pasture.

2. Invalid use: The dumbwaiter as a carrier of foodstuffs and comfort. The elevator to afford egress and comfortable living.

3. Ash hoist: All manners of convenient "lifts" for ashes and garbage can be had which save wear and tear on humans and on the house itself. Bumping cans never did any good to house, can or man!

4. The hearth lift: A dumbwaiter by the hearth on the living room floor, in an opening at the side on the floor or at the side under the mantel itself, can make log furnishing a comfort and a fire a blessing.

5. The kitchen chest: This is an inexpensive luxury for small homes—the ice chest which at the press of the toe comes up from the cellar and with the push of the finger "goes back to bed". It is out of the way in small areas and is convenient.

6. The cold storage refrigerator: In some parts of the country a dumbwaiter is used to hold food and carry it down to a concrete well where the food is "coldly" received and kept in condition until time for it to be consumed.

7. Passenger travel.

Elevators and dumbwaiters can be propelled either by hand or by electric power. You may hate the old fashioned hand power dumbwaiter, yet today they are made without these attributes you so wisely detest. For they now stop at any point, definitely, and have the automatic brake device which prevents the car from slipping down on the unwary one's head or popping up under the unfortunate's chin!

Thus all the usual nerve making and jarring, sliding and jumping is banished, for all time. There are no extra fixings and the rope is comfortable to hold and the dumbwaiter works noiselessly, smoothly and rapidly.

If you are dissatisfied with your old dumbwaiter you can easily have the new automatic brake mechanism installed.

The dumbwaiters are so counterbalanced and adjusted that they work by a mere touch!

The cars are usually of ash because it is hard. Chestnut is often used too, even though not quite so hard.

The capacity of dumbwaiters is usually made according to their functions. For domestic purposes 100 pounds to 200 pounds, is ample—the latter, if ice is purveyed via the dumbwaiter. The speed also conforms to use and comfort.

THE machinery, simple as it is, is usually above the shaft and contrived so as to be easily reached when the "few and far-between" repairs are needed. The care amounts to little:—oiling occasionally and after a few years, new ropes may be necessary. But in case of needed servicing always seek the manufacturer or a dumbwaiter expert.

As we said above, in many homes the newer, hand run elevator is used. This may sound old-fashioned when electricity can be employed, yet it has its place—this elevator.

Firstly: In large homes where there are many servants, there is usually an electric lift for the family and a servant elevator or trunk elevator run by hand power.

Secondly: Invalids elevators are often hand power elevators because of their simplicity and dependability they are safe, easily operated and not liable to get out of order.

Thirdly: Because of the automatic brake, the hand power car can not run away, either up or down and is therefore absolutely safe.

Fourthly: They are used in districts where there is no electricity.

The operating hand ropes of these elevators are made of braided cotton rope, and the cars are suspended by two iron cables. These cables are independent of each other, therefore, if one breaks the other holds it—and so the elevator is danger proof. The safety device, under the platform of the car to prevent the car from falling, is of course *wise and recom-*

mended, but the car is safe even without it.

Rarely is a door used on the platforms of these cars because they go slowly. Many who have insisted on doors have "de-doored" soon after the installation.

The electric dumbwaiter and elevator are magical! All you do with them is to press a button and the car does the rest. Of course, they are more expensive than hand power lifts, because of the more elaborate machinery.

The cars for both dumbwaiters and elevators are made in many sizes, so that the hatchway must be built to house them. Yet, we urge conforming here to stock sizes of machinery so that the cost will be less. As these cars are propelled by electricity, a motor is used, therefore, whether you have Alternating Current (A.C.) or Direct Current (D.C.) must be made known to the maker.

Whether the machine is put above the hatchway, in cellar or somewhat on the side in the cellar is another point to be decided upon by the manufacturer and architect.

The cars for the automatic electric elevators are more elaborate than the hand propelled cars and are made of metal with electrolier and all the delightful additions a beautiful electric device has. The grille work can be made from the simplest to the most rococo patterns.

The bulk of the machinery is usually in the pent house (on the roof) on top of shaft except when it is necessary to have the engine in the basement.

The automatic elevator runs very simply—it is done by pressing buttons and you manipulate them with the same pressure as you would the button on an electric light switch.

IN THE elevator is a bank of buttons corresponding to each floor, the pressing of which, will send car to that floor designated by the chosen button. On each floor, at side of elevator is a hall button, the pressing of which, calls the car to that floor, if it is not being used at the time.

In any automatic electric elevator be sure:

1. That the passenger going into the elevator can go wherever he wishes by pressing a button, absolutely free from interference by anyone on any floor.

2. That you can call a car to any floor from any floor, unless the car is being used.

3. That all doors or gates of the shaft

(Continued on page 108)

A LITTLE PORTFOLIO OF GOOD INTERIORS



Jones

Entering a room of this sort is like coming into the presence of an ample personality. The same pleasant glow pervades the great proportions of the oriel casement, its deep reveals—all the room's dimensions, as emanates from any generous nature. And the contrast in scale between furniture and room is a positive esthetic delight. For once, a grand piano subsides into a reasonably-sized piece of furniture and fails to dominate the room. In Spain's Hall, Essex, England



Reeves

The living room above, another view of which is shown on the opposite page, is notable for its interesting color scheme and for the livable arrangement of its furniture. It is in the home of Mrs. Leroy W. Childs, Atlanta, Ga.



M. E. Hewitt

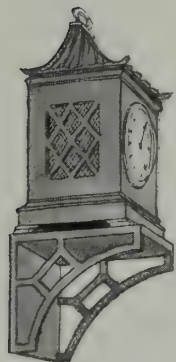
An old Chinese painted wall paper with a decorative design of branching trees makes a striking and colorful background for the fine 18th Century mahogany furniture in the dining room of Z. G. Simmons at Greenwich, Ct.



The walls of the living room above are paneled and painted soft green; the hangings are gold antique satin over beige gauze under curtains, and the chintz on several pieces of furniture is mauve and plum-color against a beige ground

Interesting features of the dining room in Mrs. Child's Atlanta house are the formal curtains of green and gold silk, the dull rose horsehair on the chair seats, and the ship picture above the side board made of a wool embroidery

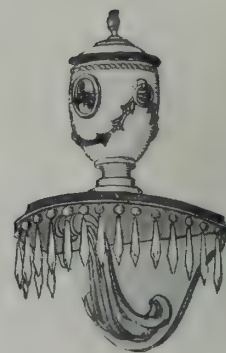




The small mahogany bracket above, after a design by Hepplewhite, would be effective in a Georgian living room or library



An interesting treatment for the long wall space above a piano consists of a mirror framed in narrow molding and a pair of lyre-shaped brackets painted dull gold and antiqued



For a room furnished in the French manner comes a carved and gilded wooden bracket ornamented with crystal drops



Harting

The graceful pottery flower holder at the left was originally a candle bracket. It makes a nice spot of color against the gray dotted paper

Small wooden brackets of the type shown at the right may be used to hold jade trees, bits of china, figurines, or pots of ivy. Darnley





Above. A practical bracket for a few books may be had in any color, decorated with lines of gold. From Daruley



The bracket above, suitable for an 18th Century French or English room, is of gilded wood in a graceful design

When there is no mantel shelf, a small mahogany bracket may be used to hold a clock. The sketch at the top of the page shows this arrangement

BRACKETS OF MANY KINDS

Below. A pair of delicate brackets and a large picture successfully solve the problem of the difficult wall space above a sofa. Rose Cumming, decorator

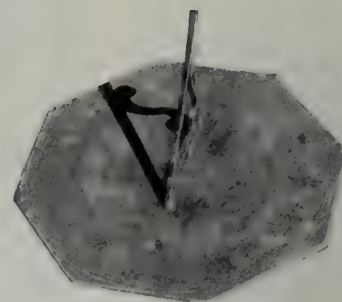


Harting

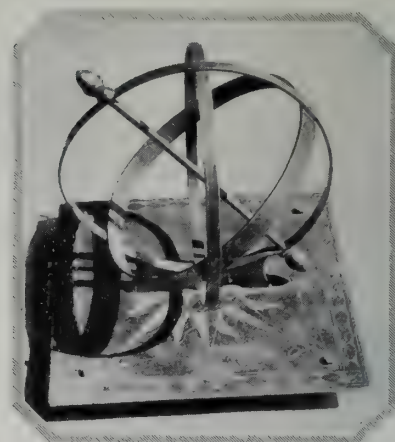
TIME PIECES FOR THE GARDEN



The most decorative type of sundial is the armillary sphere with its slender arrow and assemblage of metal circles. The one above is in the garden of H. H. Rogers, at Southampton, L. I.



An interesting octagonal brass sundial copied from one made in England in 1653 is shown above

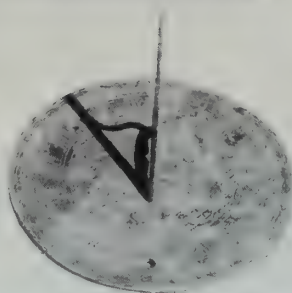
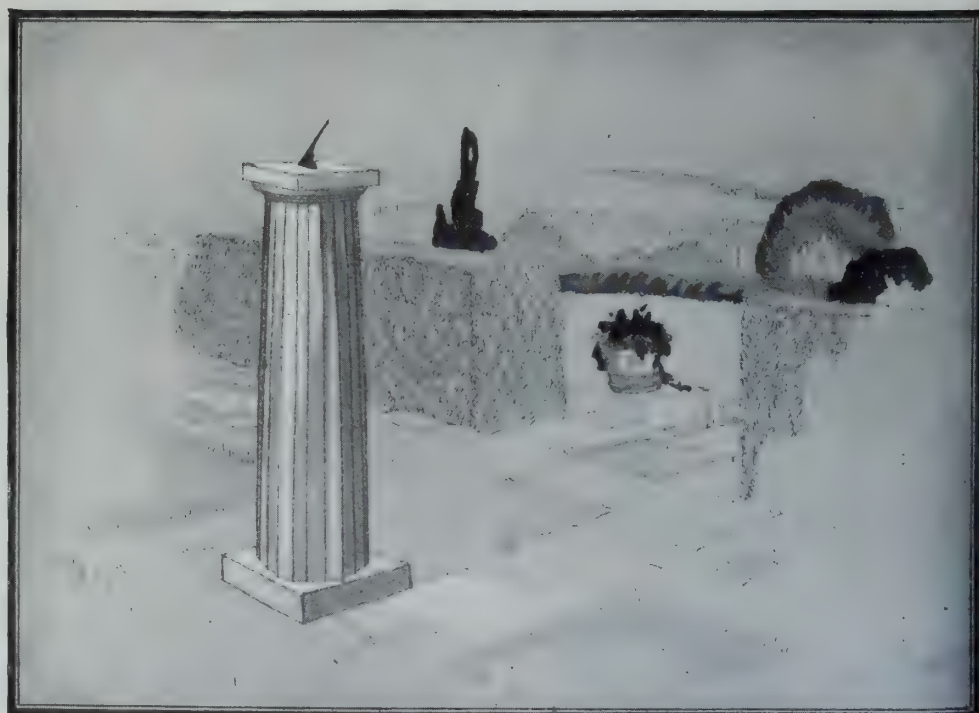


The sundial above was copied from an ancient armillary sphere. It is of brass in antique finish. Imported by the Skinner Hill Company



A decorative feature of the curved pedestal above is the graceful band of fluting around the lower portion. The Gallorey Terra Cotta Company

The classic simplicity of the pedestal at the right adapts it to many types of gardens. Courtesy of the Architectural Decorating Company



At the right is a round sundial of old English brass with an ornamental engraved design in the center

SOME LIGHT ON THE SHADE PROBLEM

*One of the Important Items of Household Equipment
That is Most Appreciated When It is Least Obtrusive*

MRS. HARLAND A. ALLEN

COMPARED to the time, thought and money that we lavish on the rest of our window hangings, the attention devoted to the shades is a slim portion indeed. And yet because they are one of the practical, prosaic necessities, it does not follow that they can be treated in an indifferent or contemptuous manner. If the windows are the "eyes of the house," as the interior decorators say, then surely the shades are the "lashes" to those "eyes". If they do not harmonize with the tones of our walls—if they are not smooth—if they do not hang straight—they can easily mar the decorative effect of the most carefully-planned room.

It is fatal to try to economize on shades. Nowhere in the house does an article receive greater abuse and wear than the shades at our windows.

We lower the window from the top and a brisk breeze or sudden gust of wind sucks the shade in and out and whips it against the sash. Or we pull the shades below the sash of the opened window and allow them to flap in the wind. An unexpected shower catches us away from home with the windows open, and before it passes manages to drench the flapping blinds thoroughly.

A poor shade just can't stand the strain of everyday life. In the first place, it is apt to be made of loosely woven cloth that has to be heavily filled with chalk or some clay substance to give it weight and smoothness, and then when the wind sucks and snaps it, the brittle filling crumbles and falls out, and it soon presents a sorry sight all criss-crossed with cracks and pinholes. Or else it consists of a flimsy material which presently sags and hangs in wrinkles.

QUALITY in a window shade depends upon the fineness and closeness of the weave in the material, its smoothness, freedom from cracks and pinholes, its evenness of color, the opacity, or degree to which the light is excluded, and the quality and tint of the light that comes through—all these things make the difference between a beautiful window and one that looks shabby and ugly.

A good shade will hang straight and true, will keep its color, and will not crack. Instead of being stiff, it is soft and supple.

Many people make the mistake of thinking that a thick shade which keeps out all of the light will wear better. This is not necessarily true, and often a translucent shade will give better service, cannot be seen through from the outside, and sheds a pleasant glow over the whole room. On the

other hand, some people do not like the translucent shades, on the ground that they do not sufficiently protect the rugs and hangings from the sun, and also because at night they show shadows.

The materials used in the making of a window shade count so largely in the success or failure of the finished product that the householder can no longer afford to be ignorant of what goes into the making of the different grades. The strong sunlight at our windows and the constant strain of rolling up and down demand that only stout, durable fabrics be used. At the same time there are so many ways of cheapening any grade, without its hardly being noticed, that it behooves us to become acquainted with the best types of materials, as well as those which have not proved satisfactory and adaptable for all of our rooms.

WINDOW shade cloth is made of muslin or cambric rendered opaque by being heavily sized or stiffened, and dyed or painted in various colors. Contrary to general impression, there is now no linen shade cloth to be found on the market. The quality of opaque cloth varies according to the kind of stiffening used, and the fineness of the foundation fabric.

The lower grades of shade cloth are stiffened with a species of clay, mixed into a paste, and pressed into the meshes of the cloth, between heavy rollers. As the cloth leaves the rollers it is dyed by passing through a vat containing suitably prepared liquid dyes. Shade cloth filled with clay is of very inferior durability. The first accidental wetting, or even slight dampness, deteriorates it; and after a brief period of wear, you can notice little creases and cracks beginning to appear in your shade, due to the brittleness of the clay.

The better grades are stiffened with lead and oil, and instead of being piece-dyed, they are painted. The paint may be put on by hand, but is usually applied by means of a wide brush operated by machinery.

Many kinds and brands of window shading are on the market but they consist mainly of these two qualities, known as "water color" and "opaque oil" shades. The water color is an inexpensive shade, and is made with water colors on a cheap cloth. These colors are not fast, and will give trouble by "running" if they get wet. Of course, a drenching shower is not recommended as particularly good for the constitution of any shade, but the colors in an opaque shade will not run to any great ex-

tent, and the damage is not so extensive. Any shade when wet should be removed from the brackets and stretched and dried carefully, or it will lose its shape. The standard opaque oil shade is made on a fine or medium grade of filled muslin, with pure linseed oil colors.

Holland shade cloth represents the principal variety of imported goods, coming chiefly from Scotland. The foundation is plain-woven muslin, stiffened with pure starch, and finished with a glaze. There are now many domestic "Hollands". Dull-finish Hollands are usually made from a lower grade muslin. The Holland shade is very durable, although higher in price, and more or less transparent, so that it does not make a room dark in the daytime.

To detect the quality of shade cloth in the shop is not easy. It would be necessary to see the cloth before the paint and filler is applied. But contractors, and retailers of these goods, usually supply you with small samples of the shade materials they handle, and from which a selection is to be made. Do more than simply look at these and admire their pretty colors. Get them between the thumb and index finger of each hand, and rub briskly until all the paint and filling falls out. Then you can really see the threads. Everything else being equal, the closer the threads are woven the better the shade will be.

The color of your shades—both in relation to the individual room and the exterior of the house—has much to do with the charm of the home as a whole. Haven't you often studied an architecturally pleasant little house from the street, and wondered just how it escaped being attractive? And then, presto, you know. It is the shades! The coloring of the outside shades should always be chosen in relation to the coloring and type of the house itself. While within our rooms, the function of the shade, from the decorator's point of view, is to mellow and subdue the outside light.

IN choosing your shades avoid violent contrast between them and the walls. Think of them as part of the wall-space and see that they tone in with the wall coverings. They should form a rather neutral feature in the color scheme of the room. Remember that you don't have to "match" the color of the house or the furnishings. On the outside of the house they should harmonize with the house itself, but are usually best a little lighter in tone.

(Continued on page 106)

FRAMING KAKEMONO PICTURES

A New Idea in Wall Decoration for the High Ceilinged Room Whose Walls Are of One Color

MRS. SOMERSET MAUGHAM

THE Oriental Kakemono or hanging pictures—usually painted on silk or paper in water colors—are a boon to the reception room whose walls rise to an unusual height. For years we have looked at these “voiceless poems” in the shops that deal in Eastern antiques—looked, and then hurried past temptation. How could one use them? The framed picture is an anomaly in China and Japan but Kakemono, in a Western house, their top rollers tied to nails, leaving a good five or six feet of paper as prey to the winds, were something to be eschewed by any sensible person planning a peaceful room.

Kakemono brought to England and the continent in the 18th Century were framed in strips of imitation bamboo. Such

Where there were once Georgian shutters, niches paneled with squares of old mirror make pools of soft radiance, as an outline for the brozen curtains



frames were lacquered in various colors or simply varnished, but no variety of them is suitable for the room that boasts any degree of elegance.

Loving these subtle paintings from the far East, so redolent of the thought of philosophers and sages, I decided to use several of them in a high-ceilinged Georgian room given over to receiving guests on more or less informal occasions. The most important object in the room was a fine 17th Century Dutch mirror, the plate and the frame of mirror slightly powdered by time. To enhance the value of my mirror I decided to frame four large Kakemono in narrow strips of mirror. The mirror strips are about two inches wide and a foot in length. These strips are held together by silver
(Continued on page 132)

In the reception room, of which two views are shown here, the walls are enlivened by Kakemono framed in old mirror glass directly on the wall surface



Chalon



Gillies



The living room, looking toward the fireplace, shows its Norman aspects — the light-peaked ceiling with its cross tie beams, and the oaken lintel over the fireplace, carved with squirrels, hawks, storks, trees and Tudor Rose motifs



The bay at the left of the entrance projects from the living room to form a sheltered porch for the main entrance door. The construction is of hand-adzed oak, with a lintel graced by carved grape, thistle, and pineapple decorations

Blue faience tile forms the shelf that covers the radiator in the recessed bay of the living room. The casements are steel and the lintel of oak. The lighting fixtures reproduce an early American design in solid pine and strap iron

THE HOUSE OF FRANK J. FORSTER

DESIGNED BY ITS ARCHITECT OWNER AT GREAT NECK, L. I.



In the kitchen the walls are sand-finished plaster, the wood-work knotty pine stained brown and the floor of red and black square linoleum tile. The drain board and kitchen sink are linoleum edged with a white metal

From the south you see the living room, porch and garage. Walls are irregular stucco white-washed, and the chimney common brick finished in the same way. The roof is laid in slates of purples, grays and greens

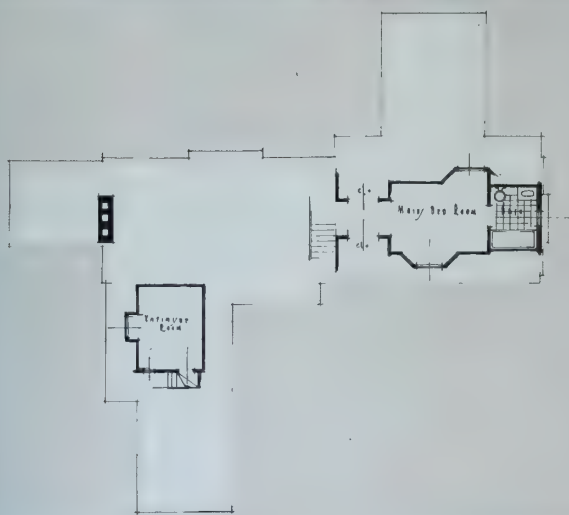


The entrance leads directly into a two-story living room, one end of which serves for dining. The kitchen is conveniently near. From the garage stairs lead to an unfinished room above

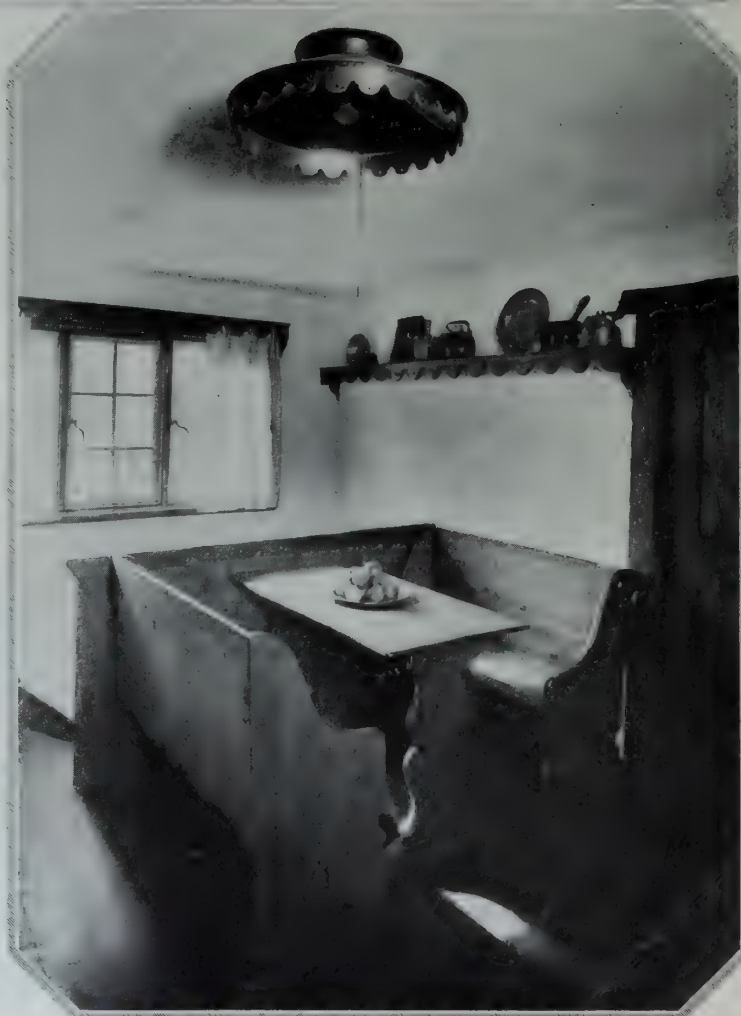


The house stands in a grove of Beech trees, the house and its court. A Norman farmhouse gave inspiration for the design. Of particular interest are the walls, the sunken ridge of the roof and the rounded valleys

A built-in breakfast nook and a shelf for the display of kitchen accessories are pleasant details. Here the door heads and door panels are of solid oak construction. The stairs under the casement lead down to the cellar



The house is practically on one floor, although under the eaves you find a maid's room and a room still to be finished. An architect, Mr. Forster designed the house to suit his own dreams



THE ARCHITECTURE OF CHIMNEYS

*The Appearance of a House Can Be Greatly Helped
or Hindered By the Design of Its Chimneys*

FREDERICK HOUSTON

THE chimneys of the house are closely associated in our minds with two prime creature comforts—warmth in cold weather, and the cooking of food in all seasons. It is through the chimneys that the apparently dormant house shows its most definite signs of life. Most of us can recall autumn tours through old country sides—sparsely settled ones, and the final arriving at dusk at the “supper” destination, to find no signs of life except the scent of frying bacon, and grey wood-fire smoke doing spirals from a substantial and well smoked old chimney stack.

In these days of the cellar heating plant, and gas for cooking, the chimney as an outlet for the “hearth fires” would be rather a denatured feature were it not for the continued regard for the open fire. At least the living room in even the smallest house must be provided with its fireplace and in larger houses this luxury is extended to both the first floor living rooms and to the bedrooms as well.

The chimney as we know it, is of comparatively recent origin. Its most active evolution natu-

rally took place in those countries where cold winters made the fireplace a needed comfort, and so it was particularly in France and in England that the chimney habits we follow were earliest contrived. In England in the 13th Century the introduction of the single flue chimney and the

wall fireplace was to that time the arrival of their “mechanical age” and the latest achievement in comfort.

Prior to this time, the fire was built in a brazier, or on a hearth in the middle of the floor, and the smoke after following its inclination in circulating about the great hall, emerged finally through a vent, or louver, in the roof.

It is generally considered that in England it was not until the coming in of the brick architecture of the 15th Century, that more than one flue was located in a chimney. With the 15th Century, the habit of clustering many flues into single large stack became prevalent and the chimney particularly in France and in England soon became the object of great elaboration and ornamentation, in fact to a degree which has never since been indulged in.

In our own country in connection with the wooden houses of the early 17th Century, the humble old English scheme of the wood framed, mud daubed chimney was resorted to. Long after brick became available, the mud daub chimney was continued for



Above is one of the most interesting of early American chimney—reminiscent of the Tudor period, in the now vanished “Fairfield,” a late 17th Century house in Virginia



At the left a somewhat later Virginia brick house shows the chimneys a very integral part of the building, with diamond patterns in bond of the exterior face

poorer dwellings, and was the object of reform efforts on the part of Colonial authorities. The late 17th Century saw the brick chimney very prevalent, however, and the all brick mansion becoming usual for much of the best building.

In connection with the wooden house the brick chimney became an impressive adjunct. In the southern colonies the chimneys were often widened at the base so that well nigh the entire end of the house became massive brick work, and the clapboards were used at front and rear only.

In New England the frame house usually had a generous square chimney centrally located and emerging from the roof at the ridge.

In connection with the all brick house, some rarely interesting chimneys were built. The illustration given of the now vanished "Fairfield", Gloucester County, Virginia, shows a late 17th Century expression of chimney design which harks back to the brick architecture of 15th and 16th Century England, when it was the fashion to separate the flues into tall brick stacks, set upon a massive base.

A few decades later saw the building of "Stratford" the old Lee mansion, down the Potomac from Washington, and



Much of the great beauty contained in this house by Harrie T. Lindeberg—undoubtedly one of the finest pieces of domestic architecture in the country, is due to the design of the chimneys

The walls of the house are of white painted brick, and the chimneys emerge from the dark of the slate roof in the same material, producing an effective contrast in color and texture



here the fancy of the Lee of that time ran to chimneys. He did himself well however, for the result is successful, and illustrates the value of generous and finely proportioned chimney stacks for securing distinction and great interest.

The great size of these earlier chimneys is partly to be credited to the large flues then considered necessary, but in a greater measure to the desire to insure against fire danger. The fireplaces and flues were safeguarded by deep masses of surrounding brick work, in order to reduce the danger of defective mortar joints, dislodged bricks, and the fire eventually finding its way into the wood framing of floors, walls and roof.

There were no well equipped fire departments near at hand. Volunteer neighbors were often miles away, so once a fire started, it ran its course. The danger of

(Continued on page 150)



This octagonal pigeon loft strikes an effective and picturesque note in the California courtyard of Thomas Ince and makes an excellent, easily accessible home for the birds

T H E B I R D O N T H E R O O F

*Both their Own Beauty and the Architectural Delight Contained
in Their Houses Should Appeal to the Garden Owner*

HAROLD H. SCUDDER

PIGEONS are a decorative asset to any garden. The loveliness of their form and coloring fits perfectly into the floral scheme, and the cotes made for them may be architecturally delightful. The uninitiated will probably be surprised when he learns how many are the kinds of pigeons. There are as many varieties as exist among such flower families as the Pinks and Campanulas. For instance, there are: Short Face and Clean Leg Tumblers, Parlor Tumblers, Tipplers, Turbits, Oriental Turbiteens, Magpies, Archangels, Helmets, Nuns and African Owls. Then there are: Flying Homers, Jacobins, Fantails, Pigmy Pouters, Norwich Croppers, Barbs, Priests, Modenas, Cumulets, English Owls, Clean Leg Toys, Flights and Oriental Frills. Besides these one may have: Antwerps, Dragoons, Polish Lynx, Strassers, Maltese, Hungarians, Carneaux, Exhibition Homers, Muffed Tumblers, Swallows, Fairy Swallows and Rollers. If none of these satisfies one has still the option of taking up English Pouters, Carriers, Kings, Mon-



daines, Horuneaux, Carmotese, Runts, Trumpeters, and Scandaroons, or several other kinds.

From the landscape architect's point of view white pigeons are the most desirable. No other color is so effective against the background of green trees, slate or shingle roofing, stone or brick work, and fortunately, white pigeons may be had in many varieties. First of all in showiness is the Fantail, a miniature, strutting, snowy peacock. Add white Fantail by all means to your garden paths, but do not forget to protect them. The white pigeon is the especial prey of the hawk, and it is only when you have kept pigeons that you begin to understand how common a bird the hawk is. Other birds have some protective coloring, but except in winter the white bird advertises his presence to all

At the peak of this garage roof a small bird loft, suitable for several pairs of pigeons, adds to the architectural interest of the building. Soule, Murphy & Hastings, architects

the world, and must depend upon his fleetness of wing to escape his enemies. This is just where the Fantail is weak. He is a heavy, awkward flier, and the hawk swoops down with fearful swiftiness. Protecting trees, and proximity of human help will do something to ward off this danger, but I know of one man who has a beautiful place on the Maine coast who loses his white Fantails to hawks so regularly that he is forced to restock every two or three years. Hawks have been known to attack Fantails even in a city yard, and to throw themselves furiously against the protecting wire screen in their endeavors to get at their prey.

Fortunately, however, all white birds are handsome, and many of them are quite able to care for themselves in the air. Next to the Fantail in picturesqueness is the Jacobin, an ordinary, graceful bird from tail to shoulders, but at that point suddenly blossoming out into a great ball of feathers, in which the small head is quite lost. If not quite so showy as the Fantail, the Jacobin is very striking, and it is less likely to become the victim of the predatory hawk. Next to the Jacobin for show, the white Runt deserves mention. The Runt is a rangy, big limbed, athletic looking pigeon famed for its great size. A good Runt is twice as

large as a Fantail. Its name has apparently been bestowed upon it in a spirit of facetiousness, for the Runt is the giant among pigeons, but the wag who named it, I am sure, never suspected how long his joke was going to survive him. I do not know when these

magnificent birds were named but it was sometime before 1656, for in that year Isaak Walton wrote:

"It is certain there are tame and wild pigeons: and of the tame there be Helmits, and Runts, and Carriers and Cropers, and indeed too many to name."

Among other good white pigeons there are Swiss Mondaines, and Kings, large, handsome birds, destined ordinarily to serve as breeders of squabs for table use, but worthy of better things; and the White Homers. These last are, perhaps, the most satisfactory of all, for they combine in themselves the bird useful for decoration, and the bird for sport. As racing birds, indeed, the White Homers do not compete successfully, as a rule, with their slate colored brothers, but they are swift enough for their own protection, and have all the grace of outline of their famous race. If there are hawks in your neighborhood, the White Homer is your pigeon.

Before leaving the subject of pigeons for decoration, a word should be said as to pigeon colors. Self-colored pigeons are white, black, red and yellow, the last two being misnomers, for the red is halfway between maroon and chocolate, and the yellow is the color of a

(Continued on page 110)



This nicely gabled dependency on an English estate contains a pigeon loft for a large collection of birds and is made more attractive thereby



In the corner of this English garden stands a plain tool house that has been enlivened by the bird house at its peak

DESIGNING THE COUNTRY GARDEN

Some Factors In Its Treatment And Appreciation Which Make It The Happiest Place To Be In And To Behold

ELIZABETH LEONARD STRANG

THE problem of the country garden involves radically different factors from that of the city garden. In one case we have limitations, definite fixed boundaries rarely to be altered or planted out. We have also a restricted choice of plants due to city conditions—smoke, poor soil, or shade.

In the country there is usually no visible fixed boundary—often a choice of several sites; distant views to be drawn into the picture; and the dominance of landscape rather than architecture. But we cannot modify the contour of the ground as easily as in a more restricted area, rather we must cleverly adapt our design to the existing conditions. And inasmuch as many country places are used but for a comparatively small part of the year, one may compress a maximum of color and luxuriance within the space which must be in other cases devoted to an all-season display.

Having finally fixed upon the site for the garden, after due consideration of the preliminaries, the location of the principal rooms of the house, the relation of service, entrance and pleasure part; the soil; the exposure to sun and wind; views; the character of the indigenous vegetation and the location of any trees or shrubs interesting enough to be incorporated in the design—you talk it over with thoroughness. No point must be overlooked.

One must know for how many months of the year the garden is to be enjoyed. Is it to be mainly for the furnishing of cut flowers? Is it to be for display or effect? Or is it to be an outdoor living room, as much an integral part of the house as the

breakfast room or sleeping porch? Or is it to be all these things and more—a garden of memories and sentiment; to furnish solace and enjoyment and health-giving work, a vital interest to take the place of sterner tasks no longer pressing?

The smallest of practical points must not be overlooked—what colors will harmonize with the interior of the house, what specific named varieties will afford the most pleasure—what will it cost and what

will be the provision for its up-keep. Nor is it to be assumed that the garden's beauty is in exact ratio to its cost. One may spend thousands of dollars and just miss that elusive something we call charm—or spend a few hundreds and attain one's heart's desire.

To be sure, much depends upon the suitability of the site. Some places suggest at once a very definite scheme of development. Others, having a rather vague personality, with none or few outstanding characteristics, need to be led into interesting arrangement. But special features, of plant growth or topography, however unimportant they may seem at first glance, should be seized upon as the keynote of the general idea. For when the work is finished it is pleasant and satisfying to note the way in which the original incidents of the site have become a part of the design—how certain trees, once growing in meaningless locations, have achieved real significance; how a sudden slope has provided an opportunity for a flight of steps; how a view, once scattered along a whole horizon, has become framed effectively and drawn into the picture. It is a simple matter, given sufficient funds, to take what is apparently a most uninspired piece of ground and develop it regardless of its natural tendencies into a howsoever beautiful garden scheme; but it is something else again to take that same piece of ground and make something of its very deficiencies. The latter course is the real art of landscape design, and it is the method of planning which lives when the other has died of its own artificiality.

Not all these facts are elicited as the re-



This view below of the Fragrant Garden was taken on June 11th. Color and rich perfume is here close to the open windows. Evergreens color the winter

Old-fashioned flowers are in this country garden—Iris and Funkia, Delphinium and Foxgloves, Hollyhocks, Poppies, Peonies and Phlox

The garden is really a succession of three terraces, paved and rimmed about with flowers. It has a definite design, but the design is not too pronounced



sult of direct interrogation. One soon comes to note subconsciously whether dogs and boys will run gayly over the choicest Lilies, and to provide a fence or non-killable varieties. One learns after awhile to provide a congregating place for garden parties, or a cozy nook for the serving of tea, as seems most fitting. And it must not be forgotten that the garden is primarily for the pleasure of its owner—not as triumphant expression of the designer's skill or the evolution of a correct period type.

The outstanding characteristics of the country garden herewith illustrated are first, a close adaptation to the contours of the site. It was literally built to fit a series of old grass grown terraces. Second, an air of simplicity inevitable to the cedar covered slopes and rambling cottage type of dwelling peculiar to the country—attained by use of the local stone for walls and walks care-

fully studied scale of the architectural details. Third, the adaptation of the design of the paths to the planting—see how the main path leads to the focal point below, between the two large apple trees. Fourth, the bringing in of the distant view of the sea, as evinced by the placing of the arbor. Lastly the colorful luxuriance of the planting expresses to the utmost a joyful country garden.

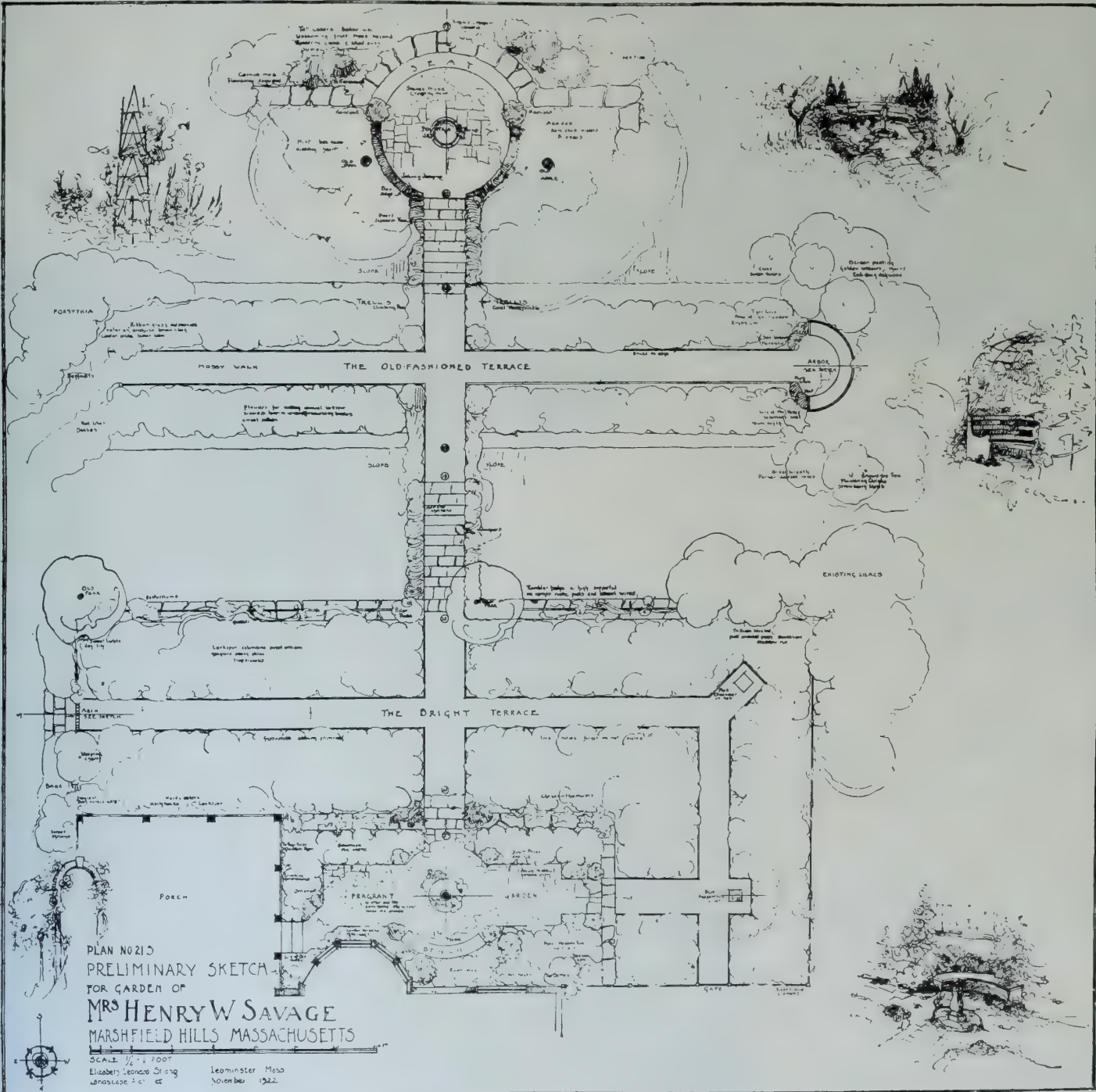
The use of evergreens on the first terrace, where their nearness to the house is especially appreciated in winter; the concentration of all possible plants to be near the windows and breakfast porch; and the

For a gently sloping hillside this design is excellent. It has four parts, the Fragrant Garden near the house, the Bright Terrace of color, the Old-Fashioned Terrace and the lower pool and seat

utilization of the paved walks for the creeping rock plants differentiate this part of the garden from the rest.

The next level, aptly termed "The Bright Terrace", contains all the perennials essential for a succession of brilliant effects—Daffodils, Tulips early and late, springing up through a carpet of Arabis, Alyssum and Creeping Phlox; a long border of Foxgloves, Sweet William and Forget-me-not, succeeded by ranks of tall white Snapdragon and Rose. Gladioli faced with shell pink annual Phlox and blue Ageratum; a telling combination of pink Oriental Poppy, Harrison's Yellow Rose and Iris pallida; a choice selection of Iris, Peonies and Phlox distributed with careful attention to a succession of color masses; the placing of the taller ranks of Lupine, Larkspur, Hollyhocks and hardy Asters against a background

(Continued on page 154)



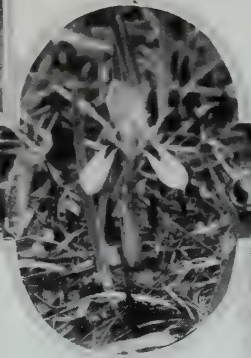
IRISES IN THE ROCK GARDEN

A Review of the Good Dwarf and Medium Species

LOUISE BEEBE WILDER

IRISES are so many, so amazingly various, so almost universally desirable that one without acres to devote to them is in a quandary how to choose among them. But one who threads his way among the splendid crowd in search of adornments for his rock garden only, finds the embarrassment materially lessened.

The Irises we choose for the rock garden, if we are to uphold the best traditions of this Floral Kingdom of Liliput, should, of course, be dwarf of stature. No beauty of the spacious borders, long-stemmed and with huge blossoms, should have a place there, nor should any tall member of the Beardless section—*aurea*, *ochroleuca* and the rest—be they never so regal, arise to disparage some tiny, lovely thing. These, like the great-flowered Cottage and Darwin Tulips, the big Trumpet Daffodils, are for the glorification of the borders,



(Top) To *Iris pumila* and its descendants must be granted the greatest enchantment of all. There are many forms, varying in color and height

(Above, left) *I. lacustris* rather suggests *cristata*, but is not so large, vigorous and gay. Its native habitat is along the shores of the Great Lakes

(Center) Acid soil is an absolute requirement of *Iris verna*, from the Southern States. It is an early bloomer well suited to the rock garden

(Above, right) *Iris tripetala* loves the waterside. Where the rock garden can offer such a setting the species is distinctive and well worth while

(Right) Among the taller but suitably slender species is *Iris Bulleyana*, a late bloomer whose soft blue blossoms are a welcome note in the rock garden



while the little gay wild Tulips, the tiniest among the Daffodils, the smallest members of the Iris tribe, are cherished in the sequestered nooks, along the little safe ledges, on the high windy tableland of the rock garden. There they are safe from pushing neighbors, there they may have special soil and special aspects made to order for them, there they may show the full quality of their fragile beauty without coming into competition with the bulk and gorgeousness of the border beauties.

Perhaps the height of Irises used in the rock garden should not exceed one foot, though in the case of some species, very slender as to foliage and with flowers delicately modeled, a few inches more may be allowed. A few we shall find that do not accomplish a greater eminence in the world than three or four inches. These are delightful indeed.

Probably the first we shall come upon in our search for miniature types and varieties for the rock garden will be found in catalogs under the Dwarf Bearded Iris. These are little sisters of the border beauties known as Tall Bearded Irises. They range in height from four or five inches to about twelve inches, and they bloom very early—during April and early

(Continued on page 142)



(Top) One of the good bulbous sorts is *Iris reticulata*, whose flowers open during March in the latitude of New York City. It is suitable light in habit

(Above, right) *Iris cristata* is the gayest of our native species. It lavishly repays a small amount of thoughtfulness and care. A native of the Southern States

(Center) A delightful little fellow, *I. tenax*, comes from California. Its blossoms vary from deep claret through lavender to almost white

(Above, left) From the gardens of Tokio comes *Iris minuta*, a sprightly sort with yellow blossoms. It asks for leafmold and sand top-dressed with stone chips

(Left) *Iris tectorum alba* likes sunshine, protection and a thoroughly drained soil. It belongs to the crested branch of the family and is supremely beautiful





The largest of this group of Filling Stations, Type C, is built of stone, tile and brick. It can accommodate three cars at one time under its covered section and others along its curved driveway. The three buildings on these pages were designed by Foster & Vassar, architects. Reproductions of working drawings are on page 156

FILLING STATIONS *for* TOWN BETTERMENT

Designs of Unusual Architectural Merit Are Offered Here In Three

Distinct Sizes All of Which Combine Beauty With Practicality

SCARCELY any other sort of structure has been the victim of such strange architecture as that which characterizes the average filling station. In houses, certainly, and even in buildings devoted to similar purposes, it has never seemed necessary to resort to the blatancy of color and design which occurs in these oases for the automobile. When filling stations first came into being they had no architectural precedent to follow, and it may have been thought a good plan to let them assert themselves and proclaim their quite original function by building them in the most curious styles possible. This scheme of design is no longer necessary, and consequently filling stations are becoming less hideous; but there is still much room for improvement. If they were once too weird, they are now apt to be too "elegant." Either weird or elegant they strike a jarring note in their surroundings and stand, not as monuments to an enormous and vital industry, but to bad taste. Now that they need no longer proclaim their existence by screaming architecturally, it seems

a wise move for them to adopt some kind of quiet simplicity which will aid, rather than harm, the appearance of towns and highways.

The three designs suggested here in the Town Betterment series are examples of self-respecting simplicity. They make no great or gaudy pretensions to be anything but what they are, yet each one is a piece of well studied architecture. They are not filling stations in disguise. They announce their purpose at once, but with an easy, pleasant gesture, rather than with a shout. Such simplicity as theirs, and such quiet, unstruggling distinction, are the most attractive qualities any building can possess, and it is to buildings such as these that the crowds will be drawn.

The smallest of the three (Type A) is one for a country road. Though of frame throughout its construction is sturdy. It can be built with great ease and at little expense. If the trade it develops because of its good design becomes too great for its size it can be moved to another location and replaced by a larger structure. The exterior

walls, whether they be faced with shingles or clapboard, the trim, doorway and sign should be painted a cream color; the roof, with its graceful curves, should be painted green with black stripes.

Type B filling station is rather French in feeling. It has walls of hollow tile stuccoed and quoins and sills of cement blocks specially cast for the purpose. The sharply pitched roof is of tin painted green. The awning across the passageway at the pumps is of steel framework, covered with sheet metal and edged with scalloped tin painted in contrasting stripes. On either side are large metal sash which serve admirably as show-windows. The interior consists of a shop space 16 by 20 feet, a toilet and fuel closet.

The largest of the three is Type C. Its construction and arrangement are made apparent by the sketch at the top of the page and by the plans on page 156. It represents a type of filling station which might be enlarged at will by simply increasing its length at either end. The curved wing walls provide poster space.

HOUSE & GARDEN'S PLANS FOR TOWN BETTERMENT

Each month designs are being published here for the architectural details of the wayside and the community. The first of the series was a group of three Roadside Refreshment Booths; the second consisted of Benches and Flagpoles. Filling Stations are the third item to be considered. In July six designs for Street Lights will be shown, in August a group of Street and Wayside Signs, in September three designs for Real Estate Field Offices. Working drawings of these wayside and community accessories may be had free of charge, after the date of publication, by addressing the Town Betterment Editor, HOUSE & GARDEN, 19 W. 44th Street, New York City.



SHELL LEWIS



SHELL LEWIS

The smallest of the Filling Stations, Type A, is noteworthy for both its architectural distinction and its extremely low cost. Its construction is such that it might very easily be moved from place to place.
Plans on page 156

The design for Type B Filling Station, should be executed with walls of stuccoed tile and quoins of specially cast cement blocks. The show window is a large steel sash and the awning of painted sheet metal. Working drawings on page 156



Above is a reproduction of an old English lantern in antique finished brass with pierced bands Imported by the Skinner Hill Co.

A reproduction of a ship's lantern is shown below. It has a brass frame and convex lenses. From the Handel Co.



The interesting wrought iron lantern above is a copy of the lantern carried by Paul Revere. Courtesy of the W. Irving Forge, Inc.

The lantern shown on the gate at the left is of wrought iron with antique glass panels. Arthur Todhunter

LANTERNS FOR GARDEN AND PORCH



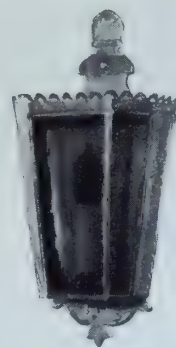
Above. An effective lantern for a Dutch Colonial type of house is of hand-hammered iron. From the Florentine Craftsmen



For an English or Colonial type of house comes a sturdy lantern of hand wrought iron fitted with antique flint glass. From Arthur Todhunter



The design of the graceful bracket lantern above was inspired by a light on an old English Inn. From Kantack, Heath and Warman



A half round lantern of pewter or iron has a decorative pierced and scalloped band at the top. Kantack, Heath and Warman

The articles on this page may be purchased through the House & Garden Shopping Service, 19 West 44th Street, New York City. A slight service charge is included in the prices



The limestone garden bench at the left is 19 inches high, the top measuring 16 by 54 inches. \$45.50. The jars, of the same material, are \$7.25 each, 13 inches high. A 16 inch jar is \$14



A simple and practical cast stone bench suitable for a garden or terrace is shown in the picture below. It costs \$32.50 for either the five or six foot length



The graceful garden chair shown in the sketch above is of iron enameled soft green. \$60.50. A flat seat pad made of colourful evening cloth is \$4.75



Above. This interesting garden chair is of iron with a rush seat. It may be had in antique finish or painted green. Arm chair \$50.50. Side chair \$42.50

Right. Iron table with glass top and space below for flower pot. 26 inches high, top 24 inches in diameter, \$35.50. Iron and cane arm chair, \$60.50. Seat pad of colored oil cloth \$6.75

IRON AND
STONE
FURNITURE



Right. Blue-green china elephants $3\frac{1}{2}$ inches long, \$5.25 a pair. White pottery flower pot with colorful decoration \$3

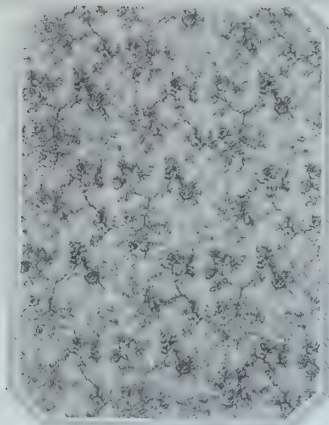
Below. Small arm chair with rush seat, \$14.50 unfinished. \$22, painted any color. Seat 13 inches from the floor



Right and above. Wrought iron hinges in the shape of an elephant, cat, monkey, ostrich or puppy are \$6.25 the pair. 8 inches high

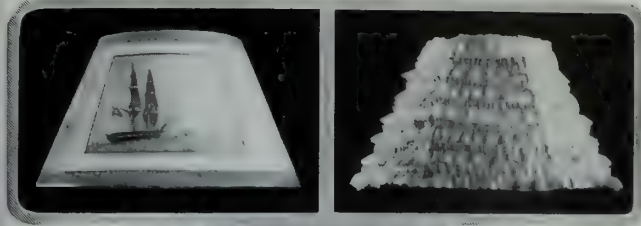


The small rocking chair below is a copy of an English farm house chair. Mahogany with a rush seat. \$27.50



A practical wall covering for a nursery has a glazed surface that may be washed. The chintz design above is in yellow, peach and green on a white ground. \$6.25 for a roll of 12 yards





For a boy's room comes a parchment lamp shade decorated with an old ship print. 12 inches at lower edge, \$8.25



This parchment shield has a decorative colored flower print on the front. $4\frac{1}{2} \times 5\frac{1}{2}$ inches, \$3.25

The lamp shade above is made of narrow picoted organdie ruffles in any color. 12 inches at lower edge, \$18.50



The butterfly table in the group above is 22 inches high and 20 x 28 inches open. Unfinished it is \$15.50. Painted any color with stripings in a contrasting shade, \$25.50. The small Governor Bradford arm chair is \$7.75 unfinished, \$15.25 painted. Seat $12\frac{1}{2}$ inches from floor. The colored tiles in the fireplace are 6 inches square, \$4.25 each

FURNISHINGS FOR A CHILD'S ROOM

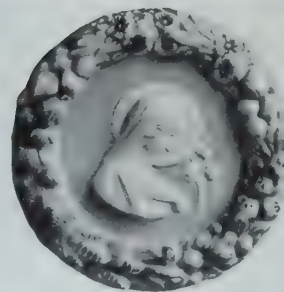


The white pottery doves above might be used on a mantel in a child's room. $7\frac{1}{2}$ inches long, \$9.50 a pair

Below is a practical small chest suitable for a child's room. It is 30 inches high, the top measuring 24x14 inches. \$34.50 unfinished. Painted any color with contrasting lines, \$49.50. The straight chair beside it is average size, made of birch, with a rush seat. Enameled any color, \$12.50. Decorations extra



Tiles with naive flower or animal designs in bright colors are attractive set into the tops of tables. 6 inches square, \$4.25 each



Brilliantly colored prints by Guy Arnoux of scenes suitable for a child's room are \$3.75 each unframed. 12 x 15 inches

The Della Robbia 8 inch plaque above has a Madonna blue background and colorful fruit and flower design. \$4.25

The GARDENER'S CALENDAR for JUNE

This Calendar of the gardener's labors is planned as a reminder for all his tasks in season. It is fitted to the Middle States, but should be available for the whole country

if for every one-hundred miles north or south there be made a difference of from five to seven days later or earlier in operations. The dates given are for an average season

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<i>And there were gardens bright with sinuous rills</i> COLERIDGE	1 Chrysanthemum cuttings if rooted now will make fine plants and when bedded out will make 3' stems with good sized flowers.	2 Lettuce will frequently run to seed at this season. Boards or other covering material placed over the plants will reduce the loss.	3 Thinning should be done when plants are small and before the roots are interlocked, or numerous desirable plants will be removed.	4 A top dressing applied to the lawn now will encourage root action that will help the grass to resist the dry weather sure to come later.	5 Tomatoes, cucumbers and melons, as well as other garden products subject to blight, should be sprayed bi-weekly with Bordeaux mixture.	6 Now is the time to stop using a parasol, as there are other vegetables available. Keep dusted during the summer with a beetle poison.
7 It is good practice to pinch the tips of the budding plants frequently. This will cause them to develop more quickly and in better form.	8 If they have finished flowering, the early spring shrubs such as forsythia, deutzia, etc., should be pruned now so that no flowers will be sacrificed.	9 Before applying a mulch to the strawberries to protect the fruit from dirt it is good to give them an application of strong liquid food.	10 Do not neglect to work the garden soil deeply and often. This not only keeps the weeds in check, but preserves the soil moisture.	11 Carnations for planting in greenhouses for bloom next winter should be sprayed with Bordeaux mixture if there is any rust.	12 All flowers should be supported with stakes before any damage is done by storms and heavy winds.	13 All the hedge cutting should be done now. Frequent trimming is required in order to avoid making a number of unsightly voids.
14 Azaleas, genistas, acacias, etc., should be plunged in beds out of doors, where they can be well provided with water.	15 Do not neglect to spray the fruit trees when they are in flower, using thoroughly a combination of Bordeaux mixture and arsenate of lead.	16 Fruit trees at the producing stage should be sprayed regularly with Bordeaux mixture to protect the fruit from the parasites and fungi.	17 Care should be taken with all newly planted hardy stock that it receive a thorough soaking—not a mere sprinkling.	18 The climbing roses should be looked over carefully and any heavy, robust new growth should be tied into proper position.	19 Sow now kale, Brussels sprouts, cabbage, celery and cauliflower. When large enough to handle these should be transplanted and set about 4" apart.	20 If plants are infested with aphids spray them for three successive evenings with a reliable tobacco solution.
21 Plants that bloom throughout the entire season should be top-dressed occasionally with some good fertilizer to maintain vigor.	22 It is a good plan to go over the tomato plants, reducing the quantity of unproductive vines and supporting those left to carry the crop.	23 Spray the potatoes with arsenate of lead at the first appearance of the potato beetle. Hill them when they are in flower.	24 Onion maggots are very destructive at this season. It is good to top dress the soil thoroughly with soot to keep them in check.	25 Soak the soil thoroughly when it is necessary to resort to watering. Evenings or early mornings are best for this work.	26 Look out for rose bugs. Go over the plants each day with a can of kerosene, shaking the flowers and causing the insects to fall into the kerosene.	27 The trees should be carefully now, reducing the quantity of the fruit to about one-half. Lager and better fruit will be the result.
28 Corn, beans and cucumbers should be sown twice this month. Intercropping may be resorted to in many cases to increase the yield.	29 Be sure you keep the lima beans and peas properly supported; the peas by staking and the limas by tying in to their poles.	30 Scatter a mild fertilizer on the ground around the stems of potatoes, celery, tomatoes, etc., working it well into the soil with a hoe.	<i>There is sweet music here that softer falls Than petals from blown roses on the grass. Or night-dews on still waters between walls Of shadowy granite, in a gleaming pass. . . .</i> TENNYSON			

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One of the most distinguished of French horticulturists, whose death late last year was a loss to the whole garden world



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Illustration directly above shows the design in reduced size

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IRISH AND AMERICAN BELLEEK

(Continued from page 73)

produced a Parian body and had brought forth a biscuit of extreme thinness and beauty. Goss had already achieved fine things of this genre when McBirney was experimenting at Belleek. Undoubtedly the advent as manager of the Belleek works of William Bromley Sr., who, Barber tells us, was one time in Goss's employ, brought to Belleek a wealth of practical knowledge that soon made it possible for the Irish pottery to place upon the market the ware which has made Belleek famous. The characteristic iridescent Belleek glaze was obtained from salts of bismuth colored with metallic oxides, and washes of this gave to Belleek porcelain when fired its nacreous effect, although some of the pieces used the iridescent glaze sparingly and others not at all.

THE MARINE INSPIRATION

In form the designs of the earlier Belleek pieces were mainly after marine objects: shells, corals, marine plants, hippocampi, dolphins, and then there were mermaids, Tritons, hippocampi, water-nymphs and all the paraphernalia of marine mythology. Thus the artist-potters of Belleek sought to emphasize Ireland's insular entity by utilizing for decorative purposes motifs suggesting the sea around her. The Empress of Germany once presented Queen Victoria with a grounds bowl of Belleek porcelain, the design being based on the Echinus (Sea-urchin) and the Coral Branch, both of which natural objects abound on the Donegal coast. In reproducing these natural forms, the Belleek potters were, in a way, but following the example of the 16th Century French potter, Bernard Palissy, who decorated his faience with natural forms moulded in relief. However, it has been said that the Belleek factory was the first to turn to the sub-kingdom of the Radiata for motifs in porcelain decoration,—star-fish, sea-urchins and the like, the wheel-shaped symmetry of which *frutti di mare* seemed particularly to have attracted the Irish potters. The Hippogriff Belleek vase here reproduced, through the courtesy of the Pennsylvania Museum although not an early piece, is probably from the old moulds, since these continued to be used and are, I believe, still in use in the present-day Irish Belleek productions.

On the other hand, the very beautiful Bamboo-stem design teapot in the collection of Mrs. J. E. Cass of Eau Claire, Wisconsin, is an early piece, and one which shows the departure from the more usual marine subjects. In this the nacreous corn-colored glaze is sparingly used at the base and at the top of the bamboo sections, tip-washings of the nacreous colored glaze alternating with creamy glaze of the rest of the piece. The bottom is unglazed. The fragility of such pieces accounts for the fact that none too many of them has survived. Our most important American museums contain no examples of early Irish Belleek, although the collector of old china stands a good chance of picking up good pieces of Belleek here and there. The work at the factory in Ireland

was closed in the 80s for a time, but resumed later. During the World War the works again suspended, but have taken up again the manufacture of this interesting ware whose beauty won for it medallic honors at Dublin in 1865, at Melbourne in 1880, Adelaide in 1887 and again at Paris in 1900. The present day products are exquisite and one can well imagine how they will be regarded even a century hence.

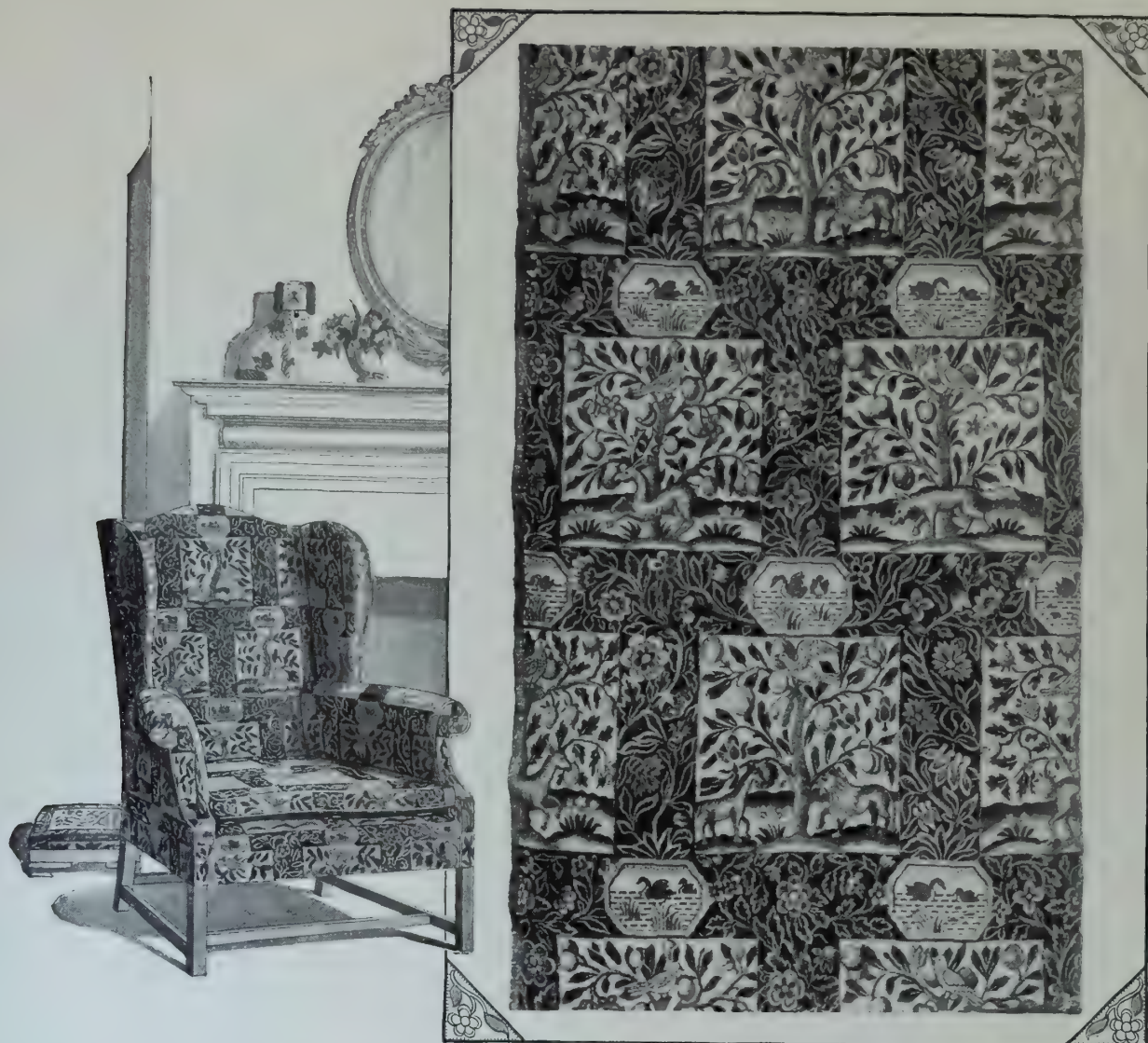
To the inspiration of this beautiful Irish porcelain of Belleek, American ceramic production owes much. Irish American potters to attempts to produce an eggshell porcelain. They were not at first successful. William Bromley Jr., son of the manager of the Irish Belleek works, having come to America made further experiments in company with John Hart Brewster and Ott & Brewer of Trenton, New Jersey. The partial success of these led him to suggest, after McBirney's death, that the elder Bromley be sent for. This was done and William Bromley arrived in America and entered the employ of Ott & Brewer. Bromley appears to have brought over with him several workmen from the Belleek pottery. These may have been the same workmen who were taken from Bromley to Belleek from St. Louis, Trent when he severed his connection there with Goss. At any rate, not long before Ott & Brewer were turning out an American "Belleek" porcelain of great beauty and delicacy of texture, and one of extreme lightness in weight. This pottery produced a set of full-sized cups and saucers, twenty-four pieces in all, which together, were just one pound in weight or about two-thirds of an ounce weight each. The earliest piece of American "Belleek" is still in existence, owned by Lenox Inc. of New York and bears the inscription: "Bromley to Walter Scott Lenox follows: 'W. B. 1887 W. S. L.'"

After Ott & Brewer had persuaded their "Belleek" the senior Bromley entered the employ of the Vaux Manufacturing Company. In this pottery he aided in the development of their white eggshell porcelain. The Willets pieces followed the Belleek forms. In the Pennsylvania Museum collection is a Willets "leek" vase with a decoration of roses in high relief.

AN AMERICAN VENTURE

At the time of Bromley's leaving the Ott & Brewer works, John Coxon Sr. became superintendent and Walter Scott Lenox had charge of the decorating department. Both were greatly interested in the development of an American porcelain in the Belleek genre. Later they became officers in the Ceramic Art Company of Trenton and produced a white shell porcelain particularly adapted to the use of ceramic decorators. In 1900 Lenox acquired Coxon's interest in the works and conducted the pottery for some ten years. In 1906 they became Lenox Inc. and the company succeeded after many experiments in producing the exquisitely beautiful

(Continued on page 104)



A modern tapestry with the naïve charm of the XIV century

Two Old Designs skilfully combined create this Tapestry

GOING back to Gothic sources and borrowing two of their motifs—the animal figures and the floriated or mille fleurs background—this tapestry has captured the charm of those XIV Century webs.

Here the birds and animals that were wont to disport themselves in Gothic tapestries are enclosed in a series of squares and become the main theme.

These are the beasts of that naïve XIV century—an age delighting in legendary where animal folk rather than human—were the centre of interest.

Woven into this tapestry we first see the king of the beasts advancing with measured step. Then, under a tree, a deer symbol in celebration of an escape from the arrows of some pursuing Robin Hood. The trio of little incidents is completed



by a prowling wolf on his way to keep some grim tryst with a shepherd's flock, while the little waterfowl in small medallions link together the larger squares and their animal folk tales. The Gothic mille fleurs ground acts as a subdued running accom-

paniment to this anecdotal main theme.

Because of its dual design, the colors of this tapestry are in low key—quiet brown, green and red that satisfy but do not distract the interest from the design itself. As furniture covering, the soft and mellow tones are admirably suited to hall, library or living room. Its pictorial and decorative interest make this tapestry equally suitable for a screen or wall panel.

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SCULPTURE IN THE GARDEN

(Continued from page 104)

pret the mood of the garden. Youth in quiet pose lends a restful mood to gardens, especially welcome to shady gardens, or gardens of soft color, or gardens of tender green. There may be a kneeling girl holding a bird-bowl, a young woman with sundial globe poised upon her shoulder, a maiden stopping a moment in the dance to examine her naked foot. Sometimes this quiet mood becomes the mood of reverence, appropriate for gardens of austere beauty, of solemn green, of wondrous foliage. This spirit of worship may be represented by the kneeling prayerful figure of a boy or by a young man standing in ecstatic stillness with eyes raised heavenward.

Youth in action is stimulating to some gardens. Here, the athlete poised ready for the jump, the diving youth, the breathless runner gives exhilaration to the garden. Here, the dance, too, has had its thrilling influence. Its movement is caught in plastic form. There is the leaping dancer, the dancer with flying scarf or garlanded vine, the dancer caught poised on tip-toe or in the full abandon of the quickening measure. It is the lyric mood of these figures, whether at rest or in action that is exquisitely appropriate in association with flowers. It is their rhythmic beauty that expresses the poetic grace of gardens. The statue is there to take up the garden theme and carry it to its greatest perfection.

Mention might be made, if only parenthetically, to the fantastic or grotesque in garden art. The mythical dragon with heavy body, clawed feet and short wings, uncouth as a dinosaur, an impossible animal unseen on land or in the air, is less grotesque than some of our actual fauna shown in frolicking monkey or in pelican, in struggling goose or squatting frog or neck-stretching penguin that are represented in minor roles in gardens as mere jesters.

But, what has become of Neptune and his company? Here is a character in sculpture that is most significant for the fountain figure is the most important statue in garden art. Instead of the classical reference to sea's presiding deity with his trident and nereids, dolphins and sea-horses the modern sculptor seeks to express the very spirit of the water. "Crest of the Wave" is a modern water nymph engulfed in a wave where great fishes leap. She expresses her association with the sea not by tail or scaly body but by her pose, and her sea-tossed hair requires no seaweed tresses. The sculptor understands water and has caught underlying meaning symbolizes only the wave but tide and billow, foam and rising mists in figures of pools and fountains. He is conscious, too, of the beauty of water's reflection. He shows the girlish figure playfully delighted at its mirror self, or the child kneeling at water's edge full of curiosity and double, or the placid woman full of calm repose. Thirst-quenching water is shown by the girl drinking from a shell, by a boy pouring water from a jug, by a girl catching water in a pitcher, by a boy drinking from a dripping water spout. And, the sculptor expresses the emotional effect of water. Falling down water typifies for him languor, fulness, quiet. This he may express by drooping figures, or figures lying idly in the water. Spouting water expresses for him joy, mirth, playfulness and buoyant gaiety, laughter and boisterous sport. This mood is embodied in figures leaping skyward one above the other, by figures splashing water at one another, by figures twirling round round in play, by figures joining hands in the dance. In such fountain figures, the sculptor interprets not only the spirit of water but the joy-giving quality of gardens.

SOME LIGHT on the SHADE PROBLEM

(Continued from page 81)

If when you have found the right colored shade for the exterior effect, you discover that it does not appeal to you as being just the tone effect you want for the inside, the problem is very simple and easily handled. You can do one of two things—order a duplex shade, with the desired color on the outside and a contrasting color on the other; or put up a second shade, of the color wanted. The duplex shade does away with the expense and trouble of handling two shades; but there are many people who find the use of two shades most satisfactory.

In the living room, light-colored shades without much dressing are generally the best choice, as they let in more light during the daytime. For the bedroom, green shades shut out the light more completely, and green is restful to the eyes. The night effect of color in shades is economically as well as decoratively important, in that you can thereby materially reduce

your monthly light-bill. Light-colored shades reflect more light than the dark. Rough textures also reflect little light so that the cost of electricity will be less in a room outfitted with smooth light-colored shades.

No matter how beautiful in color and fine in texture the fabric of which it is made—a window shade is only as good as the roller upon which it is mounted. Indeed, the very life of the shade depends upon the roller for a poor roller wrongly placed will do more to wear out a shade than anything else. Be sure to order rollers that are large enough; the shade will last much longer on rollers of large diameter, because it winds smoothly, and also because its cords are not subjected to such sharp bends.

You may be able to select window shade material possessing the wearing qualities, but remember no shade is indestructible.

(Continued on page 108)



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GIVING THE HOUSE A LIFT

(Continued from page 108)

they give out entirely than to be forced to shut down the elevator, awaiting repair parts.

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thing, as to veil its positive usefulness. One never forgets the additional expense and the trouble. An afterthought in construction due to lack of foresight always reflects on the device itself unto the end.

In some districts, certain laws governing the building of elevators are in operation, but your architect and builder will know all the codes, so those questions are not for you. All you need to know is, that your food, your meals, your trunks, your garbage and yourself can be transported up and down easily and delightfully and you will find the investment will pay many times over.

THE BIRD ON THE ROOF

(Continued from page 89)

calfskin law book. The yellow and red Jacobins and Fantails, as interesting as they may be to the enthusiast whose goal is the show ring, are not so effective on the rooftop or in the carriage yard as are the brilliant whites and blacks. Against a white house and on gravel walks black birds are effective, and, indeed, the ordinary pigeon in the right setting only the very dull can fail to appreciate. The court of the Boston Public Library has lost, through its pigeons, a barrenness which its fountain could not dissipate; and a pigeonless St. Mark's would be fully as deplorable as a gondolaless Grand Canal.

The great bulk of fanciers has, however, given very little thought to the decorative possibilities of the pigeon. Indeed, as many of these men keep their pigeons, they are far from being ornamental, for the average pigeon enthusiast conceives of his birds as beautiful only when they conform to some arbitrary standard of perfection, and he keeps them in prison lofts from which they never emerge alive, except to make occasional trips to the show ring.

GROW FOR FLYING

I do not wish to decry the raising of pigeons for the show ring. I wish only to point out that the show ring pigeon is entitled to an opportunity for free open air flight, and that he should not be bred to grotesque helplessness. On the contrary, I share fully the enthusiasm of the more conservative breeders. I too should like a Jacobin with every one of his marvellous feathers so perfect in size and form and color, that he might wrest blue ribbon after blue ribbon from the birds of all of my despairing rivals. No one with more zeal than I would enter that controversy which always rages in the pigeon magazines as to whether the young red hen of Mr. Smith should have been adjudged the best Jacobin in the show, at Madison Square, or whether that honor should have been awarded to Mr. Brown's old white cock.

Primarily, however, my interest is in the flying pigeons, for the flying pigeon enthusiast is a sportsman who rears his birds, not for their external

appearance, but for what they can do. His pigeons are the performing Tumblers, (as distinct from show Tumblers which have lost the faculty of tumbling) the Tipplers and the Homers.

Of these the Tumblers are, perhaps, the least interesting, for in them there can be little competition. The performing Tumblers, however, are free. They fly where they will and attract attention by their erratic behaviour in the air. Flying at a height, they suddenly cease to fly, and fall literally tumbling head over heels, until, as suddenly, they have enough of this, and quickly resume normal flight. Whether the tumbler in an abandonment of joy, or whether he suffers a brief lapse and can not for the moment control his wing muscles, is, I think, a matter of some dispute. He is apparently otherwise normal, suggesting the common pigeon, except in flight.

THE AMAZING TIPPLERS

The Tipplers are more interesting. These are small, inconspicuous pigeons, with a general pepper and salt effect as to color, but gifted with amazing power on the wing. The Tippler enthusiast sends a team of his birds into the air where they climb to a great height, and remain there for hours, sailing up and down the sky apparently utterly immune to fatigue. The owner's hope is that they will remain longer in the air than will those of his opponent. One British magazine devotes columns each month to reports of Tippler flying contests where the birds remain in the air in from nine to thirteen hours of continuous flight. American pigeon journals seldom mention Tippler flying, and followers of this sport are apparently rare on this side of the Atlantic, though the birds are to be had of most dealers.

The great majority of the flying pigeon fanciers of America are interested in Homers, and in Homers only. They point with pride to no less a personage than Noah, himself, as the first Homer fancier, and they cite as their latest triumph the regular reports which the pigeons, when ever-

(Continued on page 154)



P © G

Are friends drawn to your home by the music that is there ?

The picture, "Sheridan at the Linleys," painted by Margaret Dicksee, shows Richard Brinsley Sheridan, author of *The School for Scandal*, at the home of Thomas Linley, the English composer. There, music bade him welcome, and there it was he met Linley's eldest daughter, Elizabeth Anne, a singer, who later became his wife.

instrument on which it is played. Therefore the Ampico is found in the following famous pianos only, in which it is built as an integral and concealed part: the Chickering, the Mason & Hamlin, the Knabe, the Marshall & Wendell, the Haines Bros., the Fischer, and the Franklin. Note that the Chickering, the Mason & Hamlin, and the Knabe are three of the four great pianos in general use on the American concert stage.

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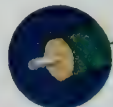


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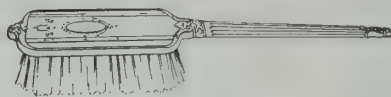
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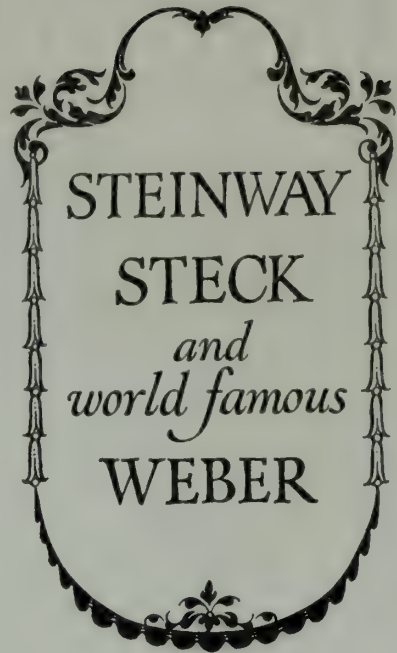
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THE GLORY OF THE LILIE

(Continued from page 67)

requisite depth, place the bulb on the upturned base and surround it with silver or grilly river-sand.

Sun-loving Lilies, although the upper part of their stems are fully exposed and their blossoms flaunt in the sun, really require a certain amount of protection from the direct rays in the early stages of their growth. Lilies are not desert plants, and the most sun-loving among them are never found in areas where no other plant grows. True, some of them are denizens of semi-arid regions but they are ever associated with grasses or twiggy shrubs, among and through which their young shoots are upthrust. Some species, like the Regal Lily (*L. regale*), can withstand much desiccation, but these in a natural state have their foil of herbs and scrub.

Journey in thought with me, for a moment or two, westward until "west" becomes "east" although we still chase the setting sun. Across the American continent, across the wide ocean misnamed Pacific to Shanghai the gate of Far Cathay; onward and westward up the mighty Yangtze River for eighteen hundred miles, then northward on its tributary the Min, some two hundred and fifty miles to the confines of mysterious Thibet; to that little-known hinterland which separates China proper from the hierarchy of Lhasa; to a wild and mountainous country peopled mainly by strange tribesfolk of unknown origin; to a land where Lamaism, Buddhism and Phallism strive for mastery of men's souls; to a region where mighty empires meet. There in narrow, semi-arid valleys down which thunder torrents, and encompassed by mountains composed of mud-shales and granites, whose peaks are clothed with snow eternal, the Regal Lily has its home. In summer, the heat is terrific, in winter the cold is intense, and at all seasons these valleys are subject to sudden and violent windstorms against which neither man nor beast can make headway. There, in June, by the wayside, in rock-crevices by the torrent's edge, and high up on the mountainside and precipice this Lily, in full bloom, greets the weary wayfarer. Not in twos and threes but in hundreds, in

thousands, aye, in tens of thousands its slender stems, each from two to four feet tall, flexible and tense steel, over-topping the coarse grass and scrub and crowned with one or more large funnel-shaped flowers, more or less wine-colored without pure white and lustrous on the face, clear canary-yellow within the tube and each stamen filament tipped with a golden anther. The air in the cool of the morning and in the evening laden with delicious perfume exhaled from each bloom. For a brief season this lonely, semi-desert region is transformed by this Lily into a veritable fairyland.

Since we have figuratively, traveled so far to see one Lily in its home surroundings, let us in the same manner journey a hundred miles or farther and to the southwest, and then in valleys and under conditions little less severe than the preceding and in equal abundance we find Mr. Charles S. Sargent's Lily (*L. sargentiae*) reigning supreme. Westward some few miles and on the margin of shrubberies at eight thousand feet above sea-level and on the very edge of the Thibetan grasslands grows Mr. Bayard Thayer's Lily (*L. thayeri*). On our homeward journey let us pause for a moment in the geographical heart of China, in the region of the famous Yangtze Gorges, and visit the haunt of the Orange-flowered Speciosum (*L. henryi*). Inland, a few miles from the riverine city of Ichang, a formation of conglomerate and hard limestones, at the edge of woods, and among tall shrubs, we find here a few and there many of Henry's charming Lily.

From these distant regions came the bulbs of these Lilies, and I count it a great privilege to have been the fortunate discoverer of two, the introducer of three and the medium through which the fourth (*L. henryi*) first came common in cultivation. I mention these four, not for personal reasons, but to direct attention to the conditions under which they grew wild and to emphasize that, though capable of withstanding much desiccation both from the action of sun and

(Continued on page 118)



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THE GLORY OF THE LILIE

(Continued from page 116)

frost, they grow naturally among protective herbs and shrubs. These herbs and shrubs afford protection in two ways: in spring they screen from the sun's direct rays the young flower-stem of the Lily after it emerges from mother earth; in the autumn the fallen leaves of the shrubs and the dying stems of the herbs form a protective mulch which as it decays becomes a nourishing food.

Now let us devote a few moments to one of the noblest of all the Lilies—*L. auratum*, the golden-rayed Lily of Japan. How many millions of bulbs of this Lily have been imported; how many thousands of purchasers have been disappointed; how many letters protesting or seeking advice have been penned! The Japanese eat the bulbs of *L. auratum* and several other species, but for its beauty they do not esteem it. Soon after intercourse was established between Japan and western nations, the Japanese discovered that Lily bulbs could be sold for much money, so they began ransacking their country in quest of these bulbs.

WHERE LILIES GROW

In books on Lilies one reads "*Lilium auratum* grows in porous, open soil largely composed of volcanic detritus overlaid by a deep carpet of woodland soil." The first part of this statement is true but the "deep carpet of woodland soil" is pure fiction. In those early days we are told that Yama-yuri, or Mountain Lily (*L. auratum*) grew abundantly in the volcanic ash and detritus which forms the slopes of sacred and sublime Mount Fuji. In Japan there is much poor and hungry soil but none more so than the slopes of august Fuji and the volcanic deposits of the neighborhood. Around Matsushima, a beauty spot in northern Japan, I saw this Lily in quantity growing among coarse gray sandstone. In western Japan I also met with it growing wild on gravelly banks and hillsides among small shrubs and coarse grasses. It is the open, porous soil, and not rich humus that this Lily luxuriates in. Leafsoil it loves in common with all Lilies, but it wants no un-aerated acid peat and it loathes raw nitrogenous manures. True, bulbs transferred from their natural haunts to fields and cultivated like Potatoes increase rapidly in size but the constitution of the plant is undermined and it becomes a prey to disease.

For western markets the dealers demand Lily bulbs of certain sizes. After a few years the Japanese discovered that the supply of wild bulbs meeting the necessary requirements was virtually exhausted, but they quickly found that in rich, moist farm land, in one or at most two years, they could grow the small bulbs culled from the mountain slopes and moorlands into large saleable bulbs and, incidentally, that the larger the bulb the higher its market value. Then began in Japan the growing of Lily bulbs for the western markets and there commenced the troubles of would-be cultivators in the Occident of *Lilium auratum*.

There is a minimum size to every

kind of Lily bulbs below which cannot produce strong, flowering stems. This size varies according to the particular species, but in every case firm, solid bulb of moderate size will be found more healthy and will give results more satisfactory than a large, loose, and flabby bulb. Purchasers will make mere size their standard of value often defeat the object they have in heart. I examined some bulbs of wild *L. auratum* and found them about a couple of inches in diameter though they bore heads of from three to six flowers but they were absolutely free of any sign of disease.

This brief sketch of the conditions under which certain Lilies grow will set forth certain facts of cultural importance. In the first place, Lilies should be planted among Ferns, dwarf shrubs such, for example, Lavender, wild Roses, Deutzias, Irigoferas, Comptonia, Vacciniums, Eric Heather, Azaleas, dwarf Rhododendrons, and, where climate admits, shrubby Veronicas and Olearias.

Planting Lilies among shrubs is a new idea; twenty-five years or more ago it came into vogue. Some achieved great success through planting Lilies among Rhododendrons the cry went forth that this was a solution of the Lily grower's trouble. It is quite true that a number of species like *L. pardalinum*, *L. superbum*, *L. speciosum*, *L. hansonii* (and I have also seen *L. auratum*) do well under such conditions. Also it is true that Rhododendrons require peat and humus is the rub. All Lilies love leafsoil but a great many detest peat. I have seen *L. henryi* grow ten feet tall in loam and leafsoil and continue to thrive for many years.

I have seen this Lily disappear completely in two seasons when planted in pure peat. Plant Lilies among shrubs, but let the class of shrubs depend upon whether the particular species of Lily loves loam or humus. In my own part I would keep away from peat except for swamp Lilies and fibrous loam, sand, and leafsoil, the latter in increasing proportions as the species that grow naturally in favorable open country, thickets or woods.

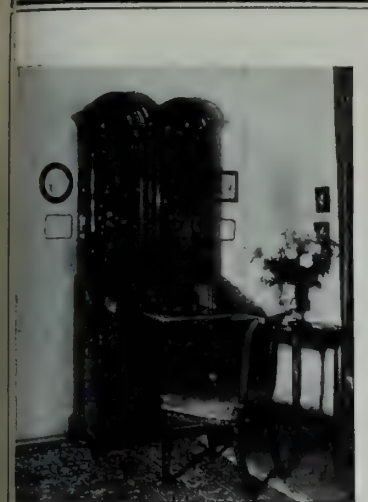
THE IMPORTANCE OF MULCHING

Another and very obvious deduction is the importance of mulching. In every garden much ground is covered with vegetation and fully exposed to sun and elements. In spring, as frost disappears, an inspection will show that this ground is fissured and furrowed in many directions and every kind of bulb which had been planted in such bare soil is often more or less exposed. This may be avoided to much benefit bestowed on all bulbs by covering them in autumn with a mulch of rotted leaves or exhausted manure.

Strictly speaking a bulb is a just as much so as the winter bud of Hickory or Buckeye, but with the difference: its scales are fleshy and serve instead of merely thin, dry protective scales, and roots are emitted from the base. These basal roots

(Continued on page 124)

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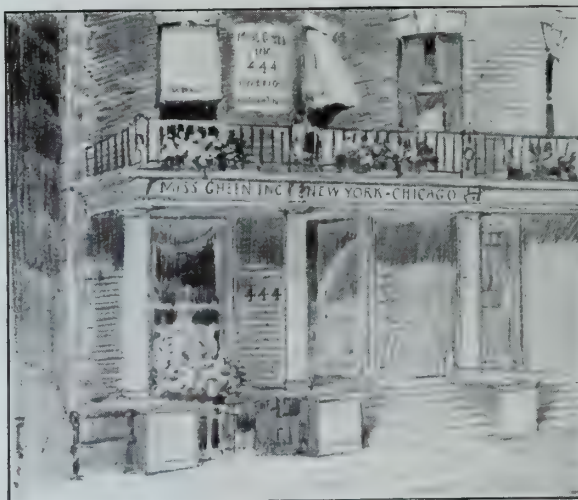
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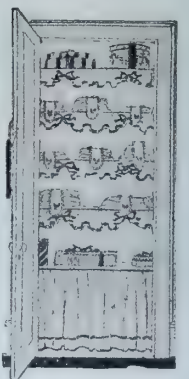
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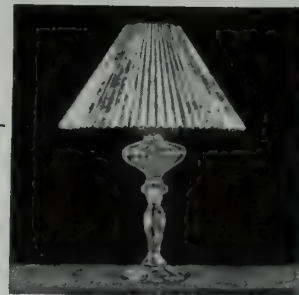
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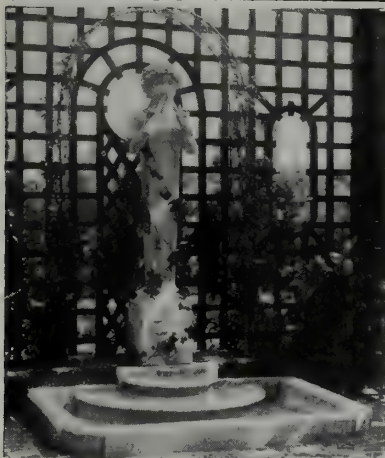
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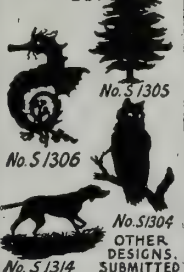
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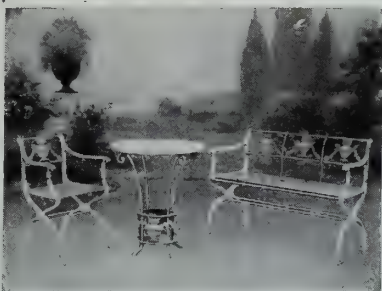
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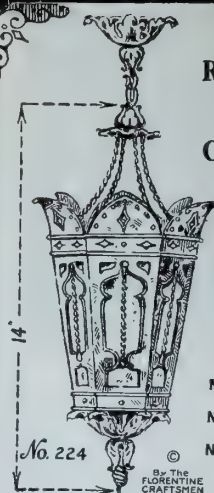


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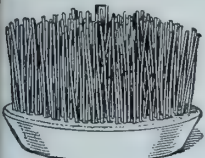
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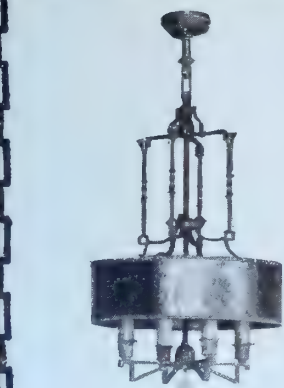
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THE GLORY OF THE LILIES

(Continued from page 118)

chor the bulb and supply it with water and certain food-salts. If we examine Lilies like *L. henryi*, *L. auratum*, and *L. regale* we find that the underground part of the flowering stem bears masses of roots. These help to feed the growing stem and prevent undue exhaustion of the bulb. After flowering, this root system assists in the rehabilitation of the bulb. Roots emitted from the stem above the ground quickly perish. An appreciation of these facts shows the necessity of deep planting. The bulbs of all stem-rooting Lilies (and the majority are such) should be planted twice their own depth down. That is to say, a bulb three inches high should have six inches of soil covering it and so on in proportion. The importance of deep planting is not sufficiently understood but go and dig up a few Lily bulbs from their native haunts and it will be found they are usually deeper down than twice their height.

The majority of Lilies are at rest, or nearly so, during the winter months but all kinds benefit from planting as early in the fall as is possible. The Madonna Lily (*L. candidum*) is an exception in several ways. In the first place, it resents moving. When this has to be done it should be undertaken not later than six weeks after flowering as the resting period of this Lily is unusually short. Again, it should be noted that this Lily has a mass of broad basal leaves independent of the flowering stems and it is these leaves with the assistance of the roots that build up the bulb. This Lily should have the top of its bulb only just covered with soil. It prefers rather stiff loam in a situation fully exposed to the sun but it will grow in dry

and hungry limestone soils.

Since Lilies inhabit the waste places of the northern Hemisphere it is obvious that they are unaccustomed to rich food. For this reason even stable manure should not be used in their culture and artificial fertilizers are absolutely inimical. All Lilies grow naturally in places where each autumn they receive a mulch of fallen leaves. Leafsoil and not manure is the requisite essential. Nearly all grow in well-drained situations and good drainage is absolutely necessary to ensure success. Lilies of the swamp, woodland and alpine meadow are with rare exceptions difficult to cultivate. Those which grow among shrubs and herbs more or less exposed to the sun are less exacting and in this class is found the majority of the sorts amenable to cultivation in ordinary gardens.

It is not possible to lay down any hard and fast rules, but good sound bulbs and a commonsense attention to a few elementary details are the essentials. Several kinds of Lilies present no more difficulties under cultivation than do Gladioli, Narcissi or Tulips; nevertheless, in most gardens to maintain Lilies in good health new soil or removal to a new site is necessary every few years.

The following twenty species are the most hardy and adaptable of Lilies and will thrive and give satisfaction in American gardens generally: *L. amabile*, *L. auratum*, *L. canadense*, *L. candidum*, *L. chalcedonicum*, *L. croceum*, *L. hansonii*, *L. henryi*, *L. marginatum*, *L. pardalinum*, *L. regale*, *L. speciosum*, *L. superbum*, *L. tenuifolium*, *L. testaceum*, *L. thayerae*, *L. thunbergianum*, *L. tigrinum*, *L. umbellatum*, *L. willmottiae*.

JUNE PLANTING FOR DECEMBER

(Continued from page 68)

been doing it for years."

Pressed for an explanation, "Horace" modestly admitted that the first time he had ever tried to sow Parsnips, he had not opened the drill far enough (the seeds, you know, are very large and light) and his first planting had been a failure. When he discovered this he made another planting, in June, and though his garden friends laughed at him when they heard about it, nevertheless he took good care of them, and in the fall harvested a nice crop of slim smooth roots. These were so much more tender and delicious than the big coarse, heavy shouldered roots they had always bought, that ever since he had made two plantings, each season—a couple of rows in April, for fall use; and several rows more in June, for winter use. These young, smooth roots, incidentally, they found kept perfectly until late into spring, without getting dry and pithy as the fully matured roots did.

Now it just happened that at about that time I was myself experimenting with late planted Potatoes, in the effort to obtain for winter use, something of that melting delicious qual-

ity which you get in the first lot of potatoes that you try to dig in time for Fourth of July dinner. I had succeeded, by planting an early variety in June, or early July, and with irrigation to bring them through the heat of August, in getting them just the right size, and quality, by the time frost cut down the tops in September. I had noticed that these "green" spuds also kept much more perfectly through the winter and late into spring, than did the fully matured, big ones which one usually gets.

The following year, I planted my first real "winter" vegetable garden. I selected all of the vegetables ordinarily used for storing for winter, and tried to "time" them so that they would reach immaturity just in time to be put away in the cellar for fall and winter use.

The results were highly satisfactory, and with the experience of a couple of more years, I was able to work out the table of planting dates which is reproduced in connection with this article.

Now, by using this system of planting specifically for winter use, you

(Continued on page 126)

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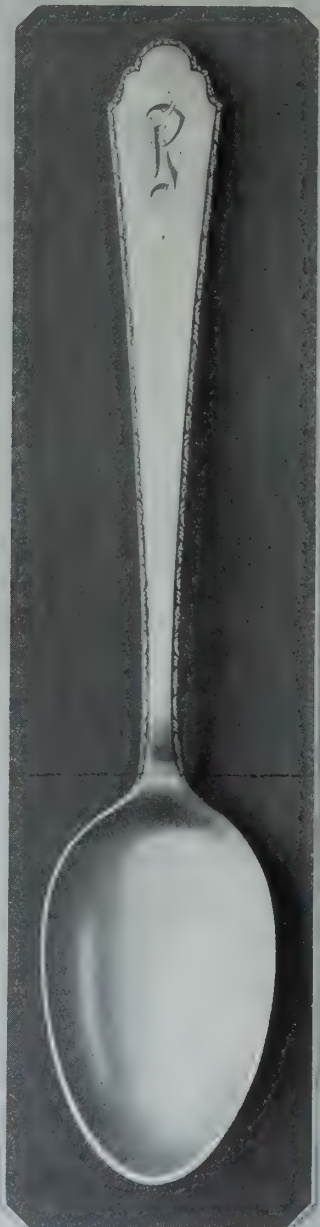
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A late crop of Lettuce can be set out between Celery and Pole Beans, giving plenty of salad for the autumn table

JUNE PLANTING FOR DECEMBER

(Continued from page 124)

will not, with most things, get as big a yield to the running foot of row as you will from vegetables planted early and allowed to make their fall growth. But maximum yield is generally—and should always be—a secondary consideration in the home garden. Both on your plate, and in your pride, supreme quality is the thing that really counts, isn't it?

And looked at from any other angle except that of big yield, the advantages are all in favor of planting a special "winter garden." You will get quality so far superior, that there is no comparison at all. You will not be dependent on chance, for having something "left over" from the summer and fall crops, for winter use, but will be sure of an adequate supply for the purpose. You will have a very much wider assortment of vegetables, and that in itself is one of the great desiderata.

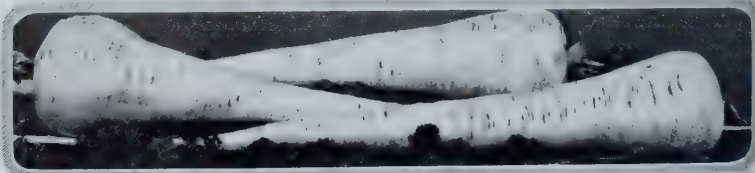
Moreover, this method of planting specifically for winter, is really more economical of garden space, than is the old fashioned "left over" way. For by this method, instead of occupying the same space for weeks with such crops as Beets or Carrots, trying to save the "surplus" of the crop for winter use, and giving the weeds an ideal opportunity to steal a march on you and mature seed, to plague you the following year, you simply take your early plantings out clean, and use the ground for another crop. Then you make a generous-sized, very late planting of Beets, and another of Carrots, that will reach just a nice edible size by the time hard freezing may be expected. Then you will have delicious little Carrots, with no hard cores, and meltingly tender Beets, with no hard fibres running through them, all winter and spring—almost like having a fresh green garden all winter long.

With all root crops the tremendous difference in quality between the young half-grown roots, and those which are fully matured, is due to the fact that they are biennials, and the function of the root, the second season, is to throw up a tall, heavy flower-stalk; this must be supported against buffeting winds and heavy rains; and in order that this support may be provided, a decided change takes place in the fleshy root as it reaches maturity, and continues, internally, even after it is harvested. In the case of long tapering roots, such as Parsnips, Salsify, and Carrots, the support takes the form of a tough, strong core; in the case of the more globe-shaped roots, such as Beets and Turnips, a system of hard, wirey fibres is developed: in both cases these additions act as a sort of direct root system for supporting the seed-stalk, developing within the root itself. With the Onion, a scientifically placed and proportioned swelling of the walls of the hollow stem of the seed stalk acts as a brace and a re-enforcement. All of which is another very interesting example of the remarkable architecture used by Dame Nature in accomplishing her ends; but she is interested only in seeing to it that seeds are produced, to assure another generation of Parsnips or Rutabagas, and she doesn't give a tinker's dam about the quality of the vegetables your cook puts on the table.

IRRIGATING THE GARDEN

Before taking up the several vegetables which can best be grown for winter use, and giving some of the details covering each, I want to point out, in passing, the great help which a modern irrigation system is in growing.

(Continued on page 130)



Tender and True and Student are the two best Parsnips for mid-summer planting. Irrigation will aid germination and give fuller and richer crops of them



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*The New Wills Sainte Claire Six
Five-Passenger Sedan*

TO THE woman of independent intelligence, gifted and trained in the art of judging finely between the good and the best, the new Wills Sainte Claire Six means a great new broadening of her power of enjoyment—a swifter, softer and safer way of getting about.

Power—the speed of the winds in a gale or the soft, lazy idleness of a summer breeze—controlled by a gloved hand on the wheel

and a satin slippered foot on the accelerator.

That unmatched performance which makes the Wills Sainte Claire the favorite of quick-thinking, active men, holds the same charm, the same magnetism for every woman who rides behind the flying Gray Goose of Wills Sainte Claire.

—It is the ideal car for the woman to drive.

WILLS SAINTE CLAIRE, INC.
Marysville, Michigan

**WILLS
SAINTE CLAIRE**
Motor Cars



Low Air Pressure is the answer

YOU have been hearing a good deal about Balloon Tire comfort.

Here is the *low-pressure tire* that makes comfort a fact.

Its new, flat "Low-Pressure Tread" gives much more road contact than a round tread.

This distributes the load evenly over the entire tread surface.

It permits real low inflation without danger of early and uneven tread wear, tread separation or injury to the strong, flexible Latex-treated Web Cord carcass.

You can run your U. S. Royal Balloon Cords with just enough air in them to support your car and its load.

That's maximum cushioning and it won't hurt the tires.

United States  Rubber Company
Trade Mark



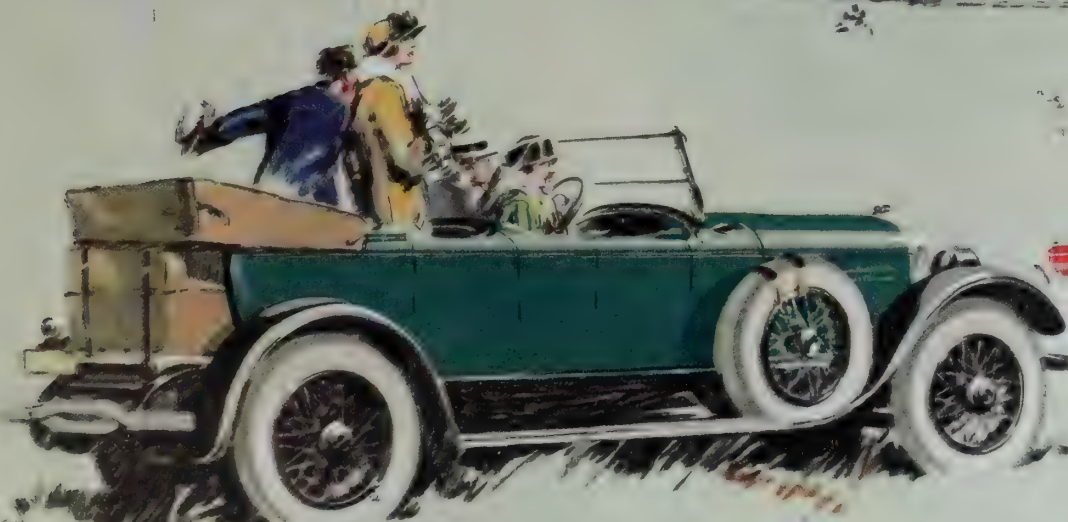
Remember~
"Low-Pressure Tread"
Latex-treated Web Cord
"The Balloon Tire
Principle at its Best"

U.S. Royal Balloon Cords

LINCOLN

Today's Lincolns reflect the art of the designer who has had untrammelled opportunity to carry out his best ideas.

LINCOLN MOTOR COMPANY
Division of
Ford Motor Company



Frank
Clegg

A Hint to Friends of the Bride



*A Gift of Luxurious Comfort
and Enduring Loveliness—*

KENWOOD PURE WOOL BLANKETS

BEAUTY and COMFORT are WOVEN IN

One need but see a Kenwood to appreciate its decorative charm. Its very appearance is assurance of sumptuous quality.

And yet the style and exquisite beauty of Kenwoods are but the visible signs of superiority.

For Kenwoods are woven of ALL pure, new, long-fibre wool. They are pre-shrunk to retain size and shape when washed. Their long, soft, fleecy nap does not easily wash or wear away. They are warm but light in weight.

The selected wool from which they are woven, and the special Kenwood weave and finish, assure unusual long-wearing serviceability.

Fourteen decorative colors and patterns in
72 x 84 for double and 60 x 84 for twin beds.
Ends bound with lustrous 3-inch satin ribbon.

You will surely want the distinction of Kenwoods for your own home. They are most appropriate for the Summer Home or Camp, where their soft color is delightfully appealing.

KENWOOD PRODUCTS are sold by Leading Department Stores.

Other GIFT Suggestions

Other Kenwood Products—Blanket Bath Robes, Slumber Throws, Baby Blankets, Sleeping Bags, as well as the full line of Blankets, are pictured in our Comfort Booklet. Sent free, with name of nearest dealer on request. Please write Department H.

KENWOOD MILLS, ALBANY, N. Y.
KENWOOD MILLS LTD., Arnprior, Ontario, Canada



The Definite Mark of

Pure Wool Quality

Good Buildings Deserve Good Hardware



"Now that's what every screen door needs" —a Corbin Screen Door Check

THE grocer's boy knows of screen doors that "Cr-e-a-k" upon his arrival—that "Bang!" after his departure—and so do you! To leave them open seems his one delight. To close them swiftly, without creak or bang, is the sole vocation of Corbin Screen Door Checks.

What is the use of having screen doors unless they screen—unless they shut—unless they close without annoying slams, bangs and creaks?

This summer, why not hang the old family fly-swatter on the wall and Corbin Screen Door Checks on every screen door? It is the only way to make screen doors useful as well as a joy to live with.

The Corbin dealer in your town has them in stock. They are inexpensive—and you can easily attach them yourself.

The practical advantages of Corbin Screen Door Checks are told in a booklet. Write for it or ask the Corbin dealer.

P. & F. CORBIN SINCE 1849 NEW BRITAIN
The American Hardware Corporation, Successor
CONNECTICUT
New York Chicago Philadelphia

FREE—Valuable Instruction Book on Wood Finishing



This book contains practical suggestions on how to make your home more artistic, cheery and inviting. It explains how you can easily and economically refinish and keep woodwork, furniture, floors and linoleum in perfect condition. It tells how to give your entire home a delightful air of immaculate cleanliness.

Ask Your Painter

Ask your painter for a FREE copy of the Johnson 25c book on Home Beautifying and Wood Finishing. If he hasn't a supply of these books he can easily secure them. And have him show you his set of wood panels exhibiting the many beautiful effects obtainable with Johnson's Artistic Wood Finishes.

JOHNSON'S WOOD DYE

Penetrating

Dark Oak	Light Oak	Walnut
Fumed Oak	Golden Oak	Bog Oak
Dark Mahogany	Mission Oak	Flemish Oak
Light Mahogany	Weathered Oak	Early English

Johnson's Wood Dye is for the artistic coloring of all wood. With it inexpensive soft woods may be finished so they are as beautiful and artistic as expensive hard wood.

Johnson's Wood Dye is very simple to apply—it goes on easily and quickly without a lap or a streak. Dries in four hours and will not rub off or smudge—penetrates deeply bringing out the beauty of the grain. All shades may be easily lightened or darkened.



S. C. JOHNSON & SON, Dept. H. G. 6, RACINE, WIS.

"The Wood Finishing Authorities"

Please send me free and postpaid a copy of the Johnson 25c Instruction Book on Home Beautifying and Wood Finishing.

Name

Address

City and State

Painter's Name

Painter's Address

JUNE PLANTING FOR DECEMBER

(Continued from page 126)

ing these crops, and making it possible to be sure of getting them in just the right condition, at just the right time, for your "garden" of vegetables for winter.

Several of the irrigation systems now available are so easily installed, and so nearly perfect in their operation, that there is no reason for anyone who has water under moderate pressure available, not profiting by having "home-made rain" on tap. The out-put of the home garden may easily be doubled throughout the season. And the particular advantage of having irrigation, in connection with growing vegetables especially for winter, is that you can get any crop to *germinate* just when you want it to. Of course you can grow your winter vegetables without this modern aid; but you will have to take a chance on dry weather delaying the starting of some of the crops, so that they will not develop to just the size you want by harvesting time.

The "roots" are naturally the most important of the dozen-and-a-half or so vegetables which should be planted for your special winter crops. Most of these will germinate readily in the spring, when the ground is likely to remain cool and moist until after they are well up. In making late or summer plantings, cover them somewhat deeper, *press them firmly into the soil*, and keep the surface from baking hard over them, either by irrigating frequently enough to keep the ground soft, or by gently stirring the surface with a light rake, to keep it loose and fine.

TWO OF THE BEST BEETS

The two Beets which I like best for winter are Detroit Dark Red, and New Half-long. The former is an old-timer, medium early, fine grained, sweet, and very dark in color. The Half-long is rather uncouth in appearance, looking somewhat like a cattle-Beet, but it is of mighty fine quality, which is retained until late into the spring. The "long" Beets are used much more on the other side than they are here, but their good qualities are gradually getting them introduced.

In Carrots, I have for several years grown but one variety, for early, late, and winter: that variety is "Amsterdam Forcing", which is a little smaller, more regular in form, and of finer quality than Half-long type. If you are acquainted only with the larger, coarser-grained varieties, such as the popular Damers, you will find a delightful table surprise in either of the varieties named above—and you can have winter Carrots as toothsome as you have heretofore enjoyed only from the first few pullings in the spring.

Parsnip and Salsify I have already spoken of at some length. For spring planting, there is a little turnip-shaped Parsnip, called Early Short Round, which gives the earliest crop. For winter, I like best Sutton's Tender and True or Student. If your garden soil is not deep enough to grow one of the long varieties without giving sprangled, misshapen roots, plant Early Short Round, or Inter-

mediate. Salsify requires a longer season to mature, and should be put in by June first at the very latest, to get even medium sized roots; but as it does not suffer as much in quality from attaining full size, as do Parsnips or Carrots, it may well be planted a month earlier, or May first.

Turnips and Rutabagas are not appreciated in the average home garden. They are almost always allowed to over-grow, and the coarser varieties, popular because they give farmers and market gardeners big yields, are the ones most usually grown. A small orange-fleshed Turnip, not generally known, but listed by a few American seed houses, is Petrowski. It is extremely early, but, when planted late, also a fine winter keeper. This, and—if you want larger roots—Golden Ball or Amber Globe, will give you a Turnip supply for winter and spring. But, plant late: late July or early August for the last named varieties; ten days later for Petrowski. Of the Rutabagas, Golden Neckless is the finest quality I have ever grown.

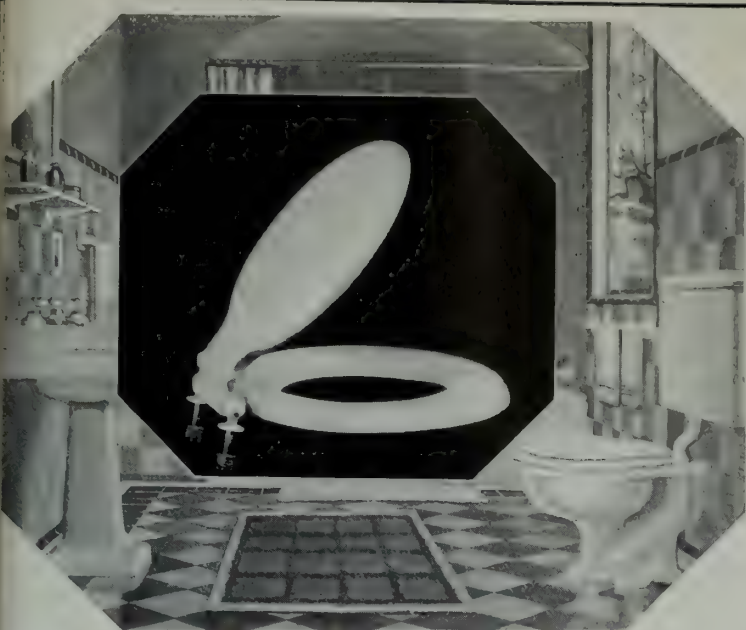
Of the various "fruit" vegetables, the one most generally overlooked for fall and winter use is Beans. In the average home garden, you will find no Bush Beans from mid-summer on, despite the fact that they may easily be had until frost. For several years I have used only two Bush Beans,—Stringless Green-Pod and Stringless White Wax. Both are stringless, or as nearly so as any are; both remain in good condition for eating longer than most other varieties; and planted together, they will give four to six weeks of perfect quality. So I aim to make plantings at least every six weeks, from early May until the middle of August. The last planting may be lost, but it's worth the chance. The biggest planting is made the latter part of July, and this I count on for a supply of small, tender, perfect Beans for canning; and planted at this time, they will be ready when the canning can be done in cool weather!

The preceding paragraph concerning Beans applies almost verbatim to Corn, if the names of the varieties be changed to Golden Bantam and Golden Giant; and the time of the last planting, to July 15th, when Bantam only is planted.

With Peas it is a little different, as they cannot be grown to advantage during the heat of July and early August. But a late planting made during the last half of July, will often give a fine fall crop. Gradus,—or still better, Sutton's World's Record, which is dwarfier and a bit earlier than Gradus, and which is now listed by several American houses—is the best variety to plant for this crop.

Time and again, in my own garden and in others, I have seen the Tomato crop come to an end two to six weeks before frost would have killed the vines. It is an easy matter to insure against this, either by making a later planting, or by sowing some seed at the time of the first setting of plants. I have often taken cuttings, or "slips" of the bearing plants, and rooted them in the soil near the old plants. Started this way in June or July, they can be

(Continued on page 132)



Seat shown is No. 142

See your bathroom through guests' eyes

DID you ever look at your bathroom—particularly the toilet seat—through your guests' eyes? Familiarity often blinds us to uninviting details, but if the toilet seat is old and worn, your guests will quickly notice it, just as you would in someone else's home. You owe it to yourself to remedy this condition if it exists.

Thousands now have nicer bathrooms

THOUSANDS of people who have always wanted nicer bathrooms have found that they can easily have them, not by making the bathroom all over, but simply by installing a new Church, all-white toilet seat.

The difference a spotlessly white toilet seat makes in the looks of the whole bathroom is certainly a pleasant surprise. Some people say: "Looks hundred percent better;" some, "Looks dozen times better;" and others, "Now we are proud to have guests go into our bathroom."

Church Seats fit any bowl; installed in a few minutes

CHURCH Seats fit any bowl and can be installed easily in a few minutes; so easily that you can install one yourself, although any plumber will be glad to install it for you at a small cost. If you move to another house or another apartment, the seat is easily taken with you.

The handsome white surface of Church Seats is a smooth, ivory-like sheathing, which won't wear off as paint is apt to do, and it won't crack, split, discolor, absorb moisture or retain odors. It is as easy to clean as porcelain and is perfectly sanitary. It is above the criticism of any guest.

Send for interesting sample of sani-white sheathing and circular describing most popular models of Church Seats. Cut the coupon now and send it today.

C. F. CHURCH MANUFACTURING CO.
Dept. A 3, Orange Street, Holyoke, Mass.
Established 1898

Church Seats

sani-white

Mail this coupon today

C. F. CHURCH MFG. CO., DEPT. A 3, ORANGE ST., HOLYOKE, MASS.
Gentlemen: Please send sample of Sani-white Sheathing and descriptive circular to:

Name.....
(Please write name plainly)

Street.....

City..... State.....



Your Guest is Used to Shower Bathing—

*Will your home offer him this
same shower convenience?*

TODAY a bathroom looks and is incomplete without a shower. To anyone used to shower bathing this incompleteness is very noticeable.

Showers are really not expensive. There are SPEAKMAN Showers to fit every income. They can be installed without inconveniencing you and without fuss or bother.

Have your plumber show you his SPEAKMAN Shower catalog. Select your shower from it. Remember that SPEAKMAN Showers are made by a concern that has been identified with the plumbing industry for nearly 60 years—one-half of this time specializing on showers. Tell us if you wish us to send shower literature. It will be forwarded promptly.



H-2370

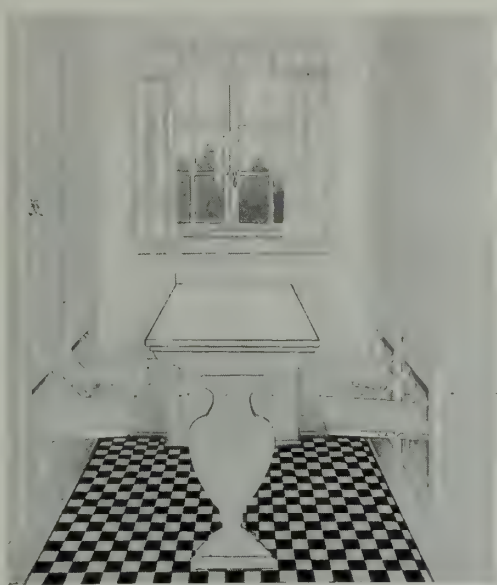
Known as the ideal installation of shower over the tub. The shower is the H-952½ Mixometer type and the bath fixture the H-2460.

SPEAKMAN COMPANY
WILMINGTON, DELAWARE

SPEAKMAN SHOWERS AND FIXTURES

KITCHEN MAID

STANDARD KITCHEN UNITS



Unfolds Before Your Eyes!

In an instant, you can drop these comfortable seats out of their niches in the walls—lift out this handsome sturdy table from its wall case—and presto! An attractive breakfast or luncheon alcove! Yet, between meals, these Kitchen Maid units are out of sight and out of the way—you can use your alcove for other uses during the day. Or, from above one of the seats, let down a “disappearing ironing board.”

You need not wait till you build a new home to have the convenience of a Pulmanook—the table and two seats may be used in any corner of any kitchen. See the wonderful advantages of other Kitchen Maid units also. Send the whole coupon below for complete, new, attractive catalog, free.

WASMUTH-ENDICOTT COMPANY
1260 Snowden Street, Andrews, Indiana
In Canada, Waterloo, Ontario

Please send me information regarding the units checked:

- ☐ PULMANOOK, consisting of table and 4 seats folding into wall.
For alcove ☐; for any kitchen corner ☐.
- ☐ COMBINATION 210-X, with refrigerator, consisting of cabinet, broom closet, dish closet, and linen cupboards to set against wall.
- ☐ IN-A-WALL IRONING BOARD, folding into wall when not in use.
- ☐ BROOM CLOSET, to set in any kitchen ☐; to be built into wall ☐.
- ☐ DISH CLOSETS, LINEN CUPBOARDS, to be set in ☐; to be built in ☐.
- ☐ IN-A-WALL TELEPHONE SEAT.
- ☐ KITCHEN MAID KITCHEN CABINET.
- ☐ DIVIDER CUPBOARDS, to be used to separate breakfast room from kitchen.
- ☐ REFRIGERATOR.

Name

Address

City.....State.....



REPRESENTATIVES IN ALL PRINCIPAL CITIES

JUNE PLANTING FOR DECEMBER

(Continued from page 130)

trained up and pruned and will come into good bearing when the old plants are playing out. For early winter use, the entire plant may be taken up, pruning the tops back to fruit, and hung up in the cellar, where the fruits will continue to ripen for some weeks.

The use of Cabbage for winter is too well known to need comment here; but comparatively few people know the superior quality of the Savoy or wrinkled types. Try some Drumhead Savoy this year. Brussels Sprouts for late fall use are not planted nearly so generally as they should be, for few people seem to realize that they

can be left in the garden, to be gathered as wanted, until Christmas even later; as may also Kale, which except in the coldest climates, may gathered throughout the winter.

Last, but by no means least, come the “winter salad”—Witloof, French Endive. This splendid vegetable, which should be much more widely known, is sown in April. In May, the tops being cut off and the Parsnip-like roots harvested late in the fall. The roots may be easily “forced”, in any ordinary cellar, a winter long, the blanched top leaves making a most delicious salad.

PLANTING TABLE

VEGETABLE	NO. DAYS TO MATURE	VARIETIES RECOMMENDED	MAKE LAST PLANTING	METHOD SAVING
<i>Root Crops</i>				
Beets	60- 80	{ Detroit Dark Red New Half Long	Jun. 15-Jul. 15	Store in soil
Carrots	70- 90	{ Amsterdam Forcing Half-long Nantes	Jun. 1-Jul. 1	Store in soil
Parsnip	125-150	{ Tender and True Student	May 15-Jun. 10	Store in soil
Salsify	150-175	{ Sandwich Island	May 15-Jun. 1	Leave outside
Turnips	60- 80	{ Petrowski Golden Ball (Amber Globe)	Jun. 15-Jul. 15	Store
Rutabaga	70- 90	{ Golden Neckless	Jun. 15-Jul. 4	Store
Radish	25- 50	{ Crimson Giant Icicle (White) Rose China	Jul. 15-Aug. 15	Store in sand
<i>Fruits and Seeds</i>				
Beans	45- 65	{ Stringless Green Pod Stringless White Wax	Jul. 1-Jul. 15	Can
Corn	60- 80	{ Golden Bantam Golden Giant	Jun. 15-Jul. 4	Can
Egg-plant	50- 75	{ Black Beauty	Jun. 1-Jun. 15	Wrap & Store
Peas	50- 75	{ Gradus World's Record Laxtonian	Jul. 15-Aug. 1	Can
Tomato	40- 60	{ Stone Matchless	Jun. 15-Jul. 1	Wrap & Store
Squash (bush)	60- 80	{ Delicata Ford Hook Bush Cocozelle Bush	Jun. 15-Jul. 4	Store in warm place
<i>Leaf Crops</i>				
Cabbage (seed)	90-130	{ Copenhagen Market	Jun. 1-Jun. 10	Store in pit
Cabbage (plants)	60- 90	{ Danish Drumhead Drumhead Savoy	Jul. 1-Jul. 20	& in cellar
Brussels Sprouts	70- 90	{ Long Island Half Dwarf Danish Prize	Jun. 15-Jul. 10	Leave outside
Chicory	150-175	{ Witloof	May 1-May 15	Force in cellar
Kale	75- 85	{ Dwarf Green Curled	Jun. 20-Jul. 15	Leave outside
Spinach	40- 60	{ Victoria King of Denmark	Jul. 15-Aug. 1	Can

FRAMING KAKEMONO PICTURES

(Continued from page 82)

over-leaves, a nail at each end. No glass covers the pictures. The Kakemono, having forfeited their rollers, are first tacked to the wall.

The accompanying photographs show the result of my idea. Vast spaces of dull gold brown wall—the color some artists have called old Sunlight and others grim dust color—have been given panels of light. The strips of mirror have been treated to an aging process and their lustre is never aggressive.

It touches and outlines the visions of a far country in a lost time with a faint radiance like star light. Most of the color in the room comes from the Kakemono, the scarlet robe of a Buddhist priest, the sapphire garment of a Mandarin, the water greens of a Chinese garden. My pet is the color of the walls, chairs and sofas green and silk lamp shades cream, and most of the ornaments crystal and emerald rock.





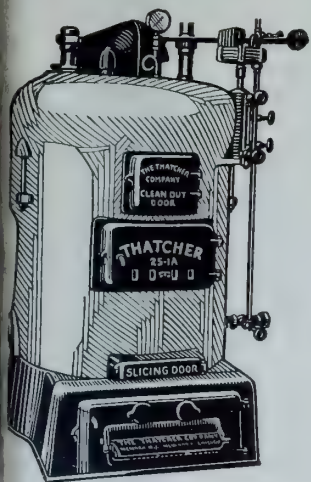
Up the Chimney— valuable heat or just smoke?

PERHAPS you wondered last winter why your heater never seemed to warm the house thoroughly, even though the drafts were kept open and quantities of coal were piled on. The trouble was probably due to the fact that the chimney instead of the house received more than its share of heat.

The special "Staggered Fire Travel" of the thrifty Thatcher Steam or Hot Water Boiler eliminates just this trouble. It extracts practically all the valuable thermal units from the smoke and hot gases, before they are allowed to escape up the chimney. And every room in the house receives its proper proportion of genial warmth.

Your local Thatcher Dealer will be glad to give you full details and show you exactly how to cut coal bills.

Write for illustrated Thatcher Booklet, "Helpful Hints on Choosing Your Heater" which gives you a complete survey of heating methods and describes Thatcher Boilers in detail.



THE THATCHER COMPANY
Formerly Thatcher Furnace Co.
Since 1850

General Offices, 39-41 St. Francis St.,

1 W. 44th St.
New York

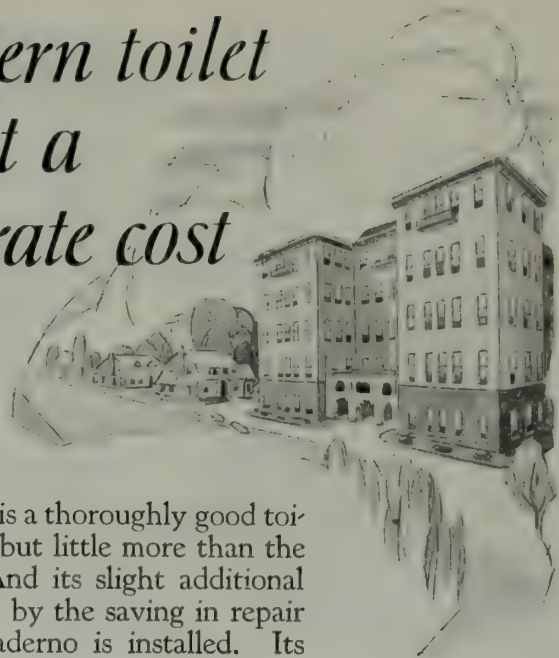
NEWARK, N. J.

341 N. Clark St.
Chicago

THATCHER

BOILERS • FURNACES • RANGES

A modern toilet at a moderate cost



THE Maderno is a thoroughly good toilet that costs but little more than the cheapest kind. And its slight additional cost is soon offset by the saving in repair bills where a Maderno is installed. Its first cost is its last cost.

The tank mechanism is so well made that it is guaranteed against giving trouble or causing expense for repairs or replacement. Each tank is factory-tested under water-connection.

You are invited to write for our new booklet, "Maddock Bathrooms." This booklet gives suggestions for placing different combinations of fixtures in spaces of various sizes and shapes.

The
Maderno



Why
vitreous
china

In Maddock closets, the tanks as well as the bowls are made of vitreous china. These tanks can never corrode or leak, because vitreous china is practically everlasting. Its hard, glassy surface cannot be marred; even acids will not harm it.

THOMAS MADDOCK'S SONS



COMPANY, Trenton, N.J.

MADDOCK

Bathroom Equipment

Avoid doctor bills by more intelligent use of the plumber



The "Mother, I'm hungry" hour!

*Kelvinate the children's foods, and
"special diets" can be planned
with half the usual effort*

Each day you wrinkle your brow and ponder as you ask yourself, "What shall I get for the children?" Every week-end—yes, every day—the question arises, "Will it keep?" or "Is it still good?"

Here is where Kelvinator refrigeration would take a real load off your mind. With Kelvinator chilling your refrigerator you would *know* that the special foods you buy or prepare *would* keep—not only until tomorrow but until the day after, or the day after that. You could safely plan and prepare your children's diet far in advance.

Kelvinator electric refrigeration preserves both purity and freshness. It is so cold that the air in the refrigerator becomes frosty and dry. It does away with the uncertainty of ice delivery, for Kelvination is as constant as your electric service and requires no attention.



THE KELVIN-ET
Kelvinator with
refrigerator,
complete for
\$250 f. o. b. Detroit

Ask your nearest Kelvinator dealer how Kelvinator can be installed in your present refrigerator. Write for his name, and for Kelvinator literature.

KELVINATOR CORPORATION, 2076 WEST FORT STREET
DETROIT, MICHIGAN

Kelvinator of Canada, Ltd. 42 Temperance Street Toronto

Kelvinator

The Oldest Domestic
Electric Refrigeration



The old pond bottom became a sunken garden, with shrubs and flowers, through which the brook crept on its way to distant meadows

RESTORING AN OLD HOUSE

FLORENCE FELLOWS COOK

TO WANT an old fashioned house, haunted by the ghosts of your own or some one else's ancestors, is one thing; to find it in a location where idealism and practicability go hand in hand is another. Yet we found just such a place, among the hills of Westchester County on the old Sleepy-Hollow road, the same historic road over which galloped the famous headless horseman.

There were fine shade trees surrounding the house, an orchard, and a lazy brook running through what had been a large pond until it was drained long ago. It was, at the time we found it, knee high in meadow grasses. The whole place, to the casual observer, was dilapidated be-

yond repair. It needed a person of imagination to see it as it once had been, and once more could be.

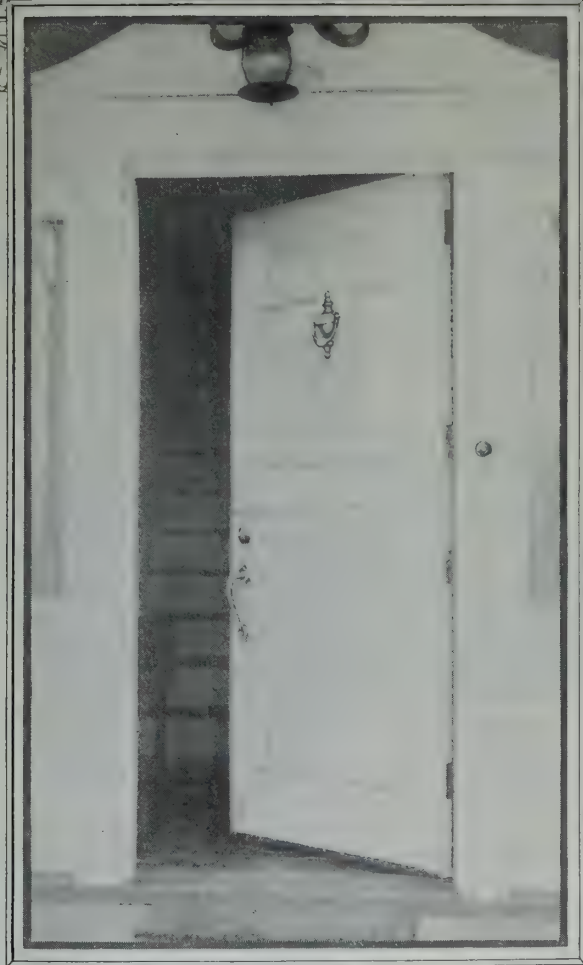
It is true that it was old; two hundred years or more, and quaint and low-lying on the ground, with its sloping roof covered with moss. No glistening white shingles or green shutters greeted the eye. Soiled and faded yellow it stood, with shutters sagging from their hinges. The lawn ploughed rough by mares' hoofs formed pitfalls among its rank grass for the unwary. Wagon tracks in place of a carriage drive led crookedly to the barn and outbuildings, past fences mended and patched in a manner shiftless beyond

(Continued on page 138)



Delightfully refreshing on a summer noonday is the cool shade along the brook where ferns and a host of other native plants temper the gray of the rocks

Build for
tomorrow and use
Sargent Hardware



"THEY don't build homes like that now-a-days." You've often heard it said. But the fact is that thousands of modern structures are quite as good as the famous old-time houses—and many are far better. It's all in the way you build.

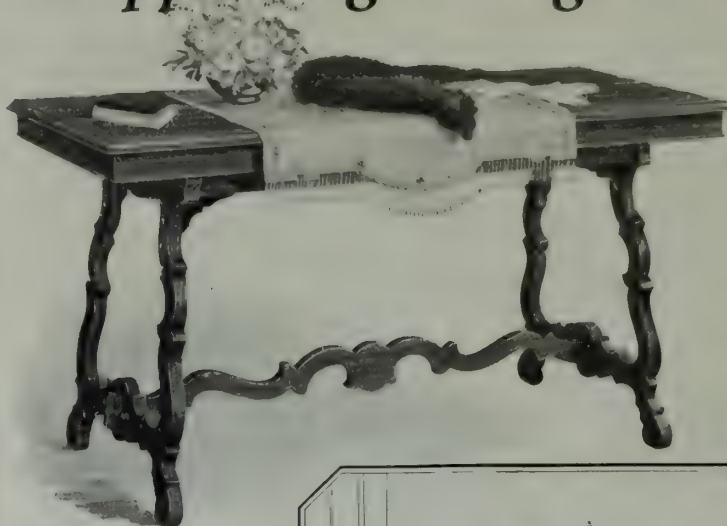
If you would "build for tomorrow," select those materials which are as dependable as time. For instance, choose Sargent Locks and Hardware of solid brass or bronze. These are more than harmonious—more than smooth-working and secure—they are built to serve faultlessly as long as your home stands!

With your architect select Sargent Locks and Hardware. The Sargent Colonial Book will help you. Write for it today.

SARGENT & COMPANY
Hardware Manufacturers
31 Water Street New Haven, Conn.

SARGENT
LOCKS AND HARDWARE

Have you seen the
disappearing dining room?



*Apartment
dwellers are
enthusiastic*



NO dining room wasting precious space. Just a fine big living room. Then comes the dinner hour, and the mystery is solved.

Quickly the hostess removes things from the handsome library table. In a moment she has parted the top, unfolded a hidden leaf, and created a dining table roomy enough for six.

What a blessing the new Imperial 2 in 1 Table is to homes of limited space. Simple, practical, a wonderful space saver.

See this exclusive patented table at the furniture stores, in various period designs to match your furniture. Made by skilled GRAND RAPIDS CRAFTSMEN, of fine woods richly figured.

IMPERIAL FURNITURE CO.

"World's Largest Table Factory"

Grand Rapids,

Michigan



1 - Draw out sides of Library Table



2 - Unfold hidden leaf



3 - Close sides making roomy Dining Table



Write Dept. E for free folder, "The Hidden Dining Room."

Imperial **LIBRARY 2 in 1 DINING** Table

(Lundin Patents 1437063, 1437064. Infringements will be prosecuted.)



**HASTINGS
FURNITURE**

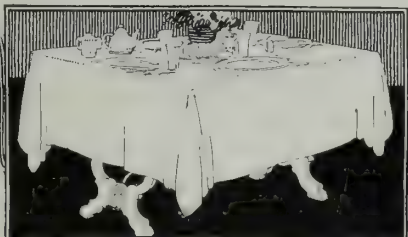
*So splendidly
useful—*

Only Hastings
has successfully
applied the two-
in-one principle
to a table of au-
thentic Spanish
design

This charming Hastings occasional table conceals an extra leaf beneath its finely figured top. A simple operation transforms it into a spacious dining table large enough to serve six people.

Hastings artistry in blending the useful with the beautiful is clearly displayed in this table which carries an air of thoroughbred distinction in serving either one of its dual purposes.

HASTINGS TABLE COMPANY
HASTINGS, MICHIGAN
Factory Sales Office and Display,
Grand Rapids, Mich.



HASTINGS
Furniture

**HASTINGS
FURNITURE**

The MARK of
FRED E. HILL
and his associates

INTERNATIONAL CASEMENTS



Residence
Minneapolis, Minn.

Magney & Tusler
Architects

INTERNATIONAL Steel Casements are very effectively used where a grouping of windows is desired, the narrow frame and sash scarcely interrupting the broad expanse of glass. Such a treatment of windows assures the maximum of light and ventilation.

International Casements are ready-made in the standard sizes usually found in small and medium-sized houses. Casements in special shapes and sizes are made to order.

We shall be pleased to send you upon request a copy of our illustrated booklet "*International Casements For Homes of Distinction And Charm*", which gives many interesting suggestions regarding the interior and exterior treatment of windows.

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CASEMENT CO. INC.**

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This floor will never need replacement

It's a legacy you will leave to the next generation, and it will be modern then

A good oak floor, once laid, never needs replacement because permanence is one of the qualities of oak. Beauty of texture and pattern, however, is a matter of selection.

Nature herself is responsible for the exquisite beauty of "Perfection" oak flooring. In the regions where the logs are cut, the equable climate is such that the mighty oaks mature unbent by storms and unscarred by the elements. The rainfall and soil afford such nourishment that the grain is clear and beautifully patterned.

Good architects and contractors are well aware of the superior quality of "Perfection" oak flooring. They are able to give you specific information that will guide you, either in building your new home or remodeling your present one. Special thicknesses are made for both purposes.

The leading lumber dealer in your city carries "Perfection". He will quote prices, not in thousand feet, but by the room dimensions. The small cost will surprise you.

Before you decide on the matter of floors, let us send you a copy of "The Overlooked Beauty Spots in Your Home". If you wish, we will give you the name of the lumber dealer to see.



**ARKANSAS OAK
FLOORING CO.**

Pine Bluff, Ark.

TRADE MARK REG.
U. S. PAT. OFF.



PERFECTION

BRAND OAK FLOORING

ROPER

Complete Oven Control



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America's Oldest Gas Range Manufacturer has been striving unceasingly for 40 years to lessen the labor and advance the fine art of cooking. Perhaps the most epoch-making Roper improvement is Roper Complete Oven Control—complete because it not only regulates the amount of heat, but distributes that heat uniformly in the oven. Only Roper can give this Roper Complete Oven Control.

Be sure

the Roper Purple Line and the Roper Complete Oven Control are on the range you buy.

"Better Cooking in the Home" was published as a direct service to Roper users, but because it contains, besides a wealth of time and temperature recipes, many benefits to all who desire to advance the fine art of cooking, we shall be glad to send it to any reader of this magazine. See the Complete Roper Line, including the New Colonial Design, at your dealer—and ask him for "Better Cooking in the Home"—or use coupon.

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Gentlemen: Please send me without obligation one copy of "Better Cooking in the Home."

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White Enamel Gas Range
6¼ inches high
\$1 pinned to this coupon
brings it to your little girl.

Name **ROPER** City
Street **Gas & Electric**
..... **RANGES** State

H. G.-6



Residence of R. C. Proctor,
Rye, N. Y.

H. N. Woolsey, Architect
New York City

You Can Have June Comfort in January

You can be just as comfortable inside your house in January as you are outside it in June. Just as comfortable and just as healthy. It's all a matter of that heater in your cellar.

Think of your heater *now*, and you'll think of it less when the icy winds begin to whistle around the corner. If your present heating system isn't giving you the comfort, the health, the economy of Kelsey Health Heat—it will pay you to tear it out and install a Kelsey Warm Air Generator.

There are scientific reasons why the Kelsey with its constant circulation of moist, *fresh* air, brings June into your home in January—and why it does it with *less* coal. Scientific reasons—simply explained—that you should know.

Send for the booklet, "Kelsey Achievements." It may open your eyes to some common-sense heating facts. They'll be doubly interesting next January when the coal bin cries for a little attention.

THE KELSEY

WARM AIR GENERATOR

(Trade Mark Registered)

237 James Street, Syracuse, N. Y.

Sales Offices

Boston—New York—Brockville, Canada

Dealers

Principal Cities



Comfort is the keynote of the rear porch, plus a wholly successful preservation of the predominating spirit of mellow age

RESTORING AN OLD HOUSE

(Continued from page 134)

description. Several pigs huddled together at one end of a half roofless piggery, originally built for a hundred of their kind, while two large families of cats lapped sour milk from an old pan at the kitchen door.

But no external shabbiness could make the hand hewn beams of the old house less sturdy, or change the dignity and charm and good proportions of the architectural lines. Inside it was quaint and charming as only a really old farm house can be; and if the wall papers were ugly and faded the timbers were good and strong, and the trim and doors, though painted in the most startling of pinks and blues, were in perfect condition, good and simple in design.

We entered by the hall, which, as

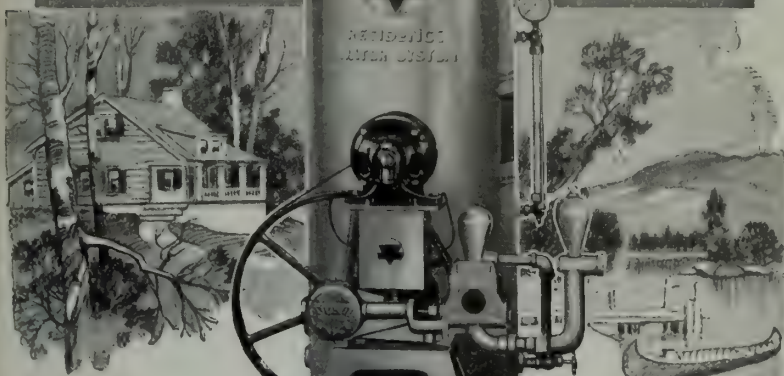
in most houses of this type, ran from front to rear, with wide doors swinging on great strap hinges. The stairs were unusually well proportioned for a farm house, having wide easy tread and a lovely mahogany rail and spindles. To the left there were two rooms, the partition between which was later torn down, making a living room, spacious and cheerful, with quaint fireplace and cupboards. On the right, another room with another fireplace faced the brook and former pond. Then came the dining room, and from this one entered directly into the kitchen, a large chocolate colored room with plenty of window and roomy pantries. A huge fireplace boarded up, was later discovered to

(Continued on page 140)



Wherever possible the old features were retained. The solid shutters, the cupboards, even the pump from the porch floor were preserved in their full values

Running Water in your Summer Cottage



The DURO VERMILANK water system is an automatic pump, motor and galvanized tank, all mounted upon a sanitary metal base ready to install. It will bring water from shallow well, lake or spring—starting and stopping automatically as the pressure in the tank rises and falls.



“WATER, water, everywhere, but not a drop to drink!” quoth the Ancient Mariner.

How often this is exactly the case at your cottage on the lake—a wealth of water everywhere, except in the cottage

Yet that’s just where you need it, if you’re to have the comfort of conveniences along with the freedom of the outdoors. You go away for pleasure and rest—which are manifestly impossible if you’re forever having to carry water.

A Duro system will give you cool, fresh water at the turn of a faucet. And the cost is so small, in proportion to the delight and satisfaction it will bring, that you really can’t afford to do without Duro when you consider how greatly it will add to the value of your property—which will seem important enough should you ever decide that you wanted to sell.

There is also the question of health and sanitation—why put up with the old unsightly and insanitary outdoor toilet any longer? It is a breeder of disease—a relic of the past.

Duro systems are priced as low as \$79.50 F.O.B. Dayton.

THE DURO ADVISORY SERVICE will give you complete information. Simply write us for FREE CONSULTATION BLANK.

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A Nationwide Organization of Chamberlin Trained Experts and Workmen of Character Intelligence and Courtesy

Just any “good mechanic” is no more qualified to install weatherstrips than to fill a tooth, repair a watch or pilot a ship.

That is why Chamberlin maintains this nationwide organization with sales and service in more than 80 cities. Chamberlin’s own experts plan, fit and install all Chamberlin Metal Weather Strips. It is an absolutely necessary service to the continued satisfaction of weather strip users.

Because Chamberlin knows installations are correctly made by Chamberlin experts, it guarantees all installations for the life of the building. Any need for attention on any Chamberlin installation, no matter how many years hence, will be promptly and cheerfully given.

These typical letters reproduced here show how important users regard proper installation by trained, courteous and considerate workmen.

“No Wear in 20 years”

“It is now about twenty years since your metal weather strips were put on my house at 95 Shanley Avenue and I take great pleasure in letting you know that they have given complete satisfaction. They show no sign of wear and a loose or rattling window is unknown in our house.

Very truly yours,

(Signed) Arthur J. Gude, Gude & Cole, Inc.
74 Clinton St., Newark, N. J.

“Exceptionally Fine Installation”

“I made a very careful investigation of weather stripping before placing this contract and while your price was somewhat higher than had been quoted by others, I am convinced that your product, in conjunction with the exceptionally fine work in installation, is well worth the slight additional cost.”

Very truly yours,

(Signed) H. C. Moran,
Keystone Bldg., Pittsburgh, Pa.

Have Chamberlin Installed Now—Before Winter Comes Again

Avoid the rush of the Fall season. The purchase of Chamberlin now will protect your home against the dust and grime of Summer. Your protection will be available with the advent of the winter and rainy season. No rattling windows. No draughts. No rain leakage. A saving of from 25% to 40% on fuel costs.

CHAMBERLIN

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Send the Coupon

Chamberlin Metal Weather Strip Co.,
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I would like an estimate covering the cost of installing (check which)

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Chamberlin Metal Weather Strips—in my home
—Office Bldg.—Church—Number of Windows
—Number of Doors—

Name _____

Address _____

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Eng. Dept. E-31

Chamberlin Door Bottoms enable you to admit fresh air to any part of the house while closing all other parts against draughts. They prevent circulation of cold air, dust and dirt from basements. Keep out laundry and kitchen steam and odors. Operate automatically. Do not interfere with rugs. They are inexpensive, installed separately or in conjunction with Chamberlin Metal Weather Strips.

Chamberlin Metal Weather Strip Co., Detroit, Michigan



Lace Curtains and Draperies for Summer Interiors

ROOMS relax to cheerful informality with crisp curtains, coolly colorful draperies and slipcovers for Spring and Summer.

Some of the Chintzes and Cretonnes flaunt gay bird and flower patterns; others show attractive colors blended in more conventional designs—charming striped effects, for instance.

Some one of them, in colorfulness and the artful treatment of motifs, may give just the inspiration you are seeking for a particular interior scheme. There are fine lace curtains too—charming requisites for summer rooms.

Inspect the McGibbon display of choice fabrics and dainty window curtains. You will find McGibbon prices decidedly moderate.

All mail orders will be promptly filled.

Send for booklet No. 66

McGibbon & Co
3 West 37th Street ~ New York
NEAR FIFTH AVENUE

Household
Linen

Interior
Decorations

Lace
Curtains



Low, sloping ceilings and odd windows and doors on the second floor suggested visions of four-poster beds and crisp chintzes—visions which soon became realities

RESTORING AN OLD HOUSE

(Continued from page 138)

contain an old crane and pot hooks. Altogether, it was a comfortable old kitchen, reminiscent of hearty dinners and the smell of homemade sausage frying, while the tea kettle sang merrily as it hung on the crane.

On the second floor there were six rooms in the main building, and a hall and three rooms in the ell over the kitchen and pantries. On this floor there were no fireplaces, but the rooms had low sloping ceilings and odd windows, and one had visions of four-poster beds and chintzes, chintzes everywhere. In spite of the external shabbiness, the picture one carried away in one's mind was of a happy, peaceful old house, resting lazily in a flood of sunshine among its wooded hills and green meadows.

There are many who picture such a place, yet who, fearing the tremendous cost of labor and materials, content themselves instead with a mediocre modern house, already built, exact cost known in advance; while the cost of remodeling the old house remains unknown. Yet it is surprising how many things one can do one's self; things not at all difficult for the inexperienced, but requiring much time; and time, when reduced to wages, is a large item in the cost of remodeling. The thrills of transforming, by a few whisks of a brush and some fresh paper and chintz, an otherwise shabby room into the quaintest and freshest of places, can be appreciated only by one who has tried it. It is a fascinating task as well as a liberal education, and requires only a bit of taste, much patience and hands that are willing and eager to make a home.

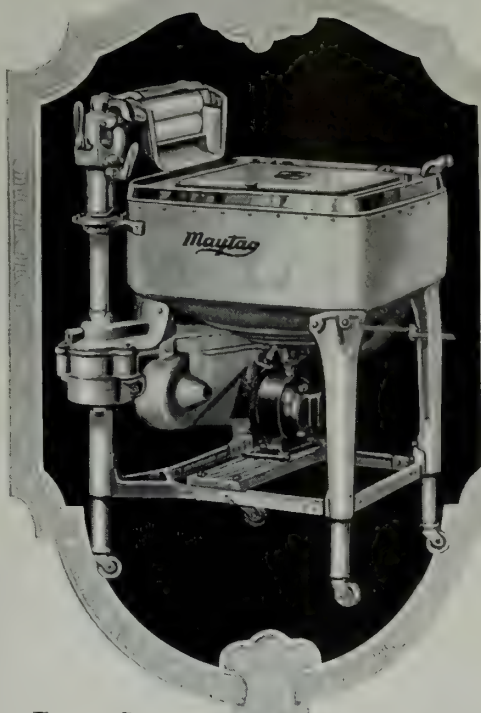
And, while one hesitates, the old farms are going; the cost of land increasing. An architect is seldom needed, for the house has already been planned by one; nor is it advisable to put everything into the hands of a carpenter. Most carpenters have a ruthless way of saying that a porch is no good because one beam has rotted, and away goes a nice old porch, or something equally important, which no new wood can ever replace. There were dismal shakings of many heads over the moss covered roof of Sleepy-Hollow. There seemed urgent need of

the old shingles coming off at once, before the winds of Winter left one gazing at the stars, or the rain beat a tattoo on the floors. Yet for nine years the old roof has kept its inmates snug and dry under its lichen covered shingles. One is apt to forget that all builders unconsciously think in terms of new wood. Therefore it is wise to use one's own judgment, giving, however, just consideration to the advice of the carpenter, who if not artistic or sentimental, is wise in the knowledge of how much weight a beam can hold and other practical details.

In remodeling go slowly, and think—think well—before making the slightest alteration; for the hardest thing to retain, the easiest thing to lose, is the peculiar charm of the old places. There are very few that retain it, no matter how quaint they look, while one sees numerous examples of houses whose character have been completely spoiled, where disharmony cries out to the passerby; sleeping porches clinging to the sides of houses like a frightened cat to the trunk of a tree, or windows denuded of their shutters reminding one of a debutante's eyes with plucked eyebrows. Again there are places harmonious and attractive, but of whose rejuvenation one is too conscious. It is well to keep in mind that a house must harmonize with itself, with its grounds, and the whole with its environment.

The first step in restoring Sleepy-Hollow Farm was to have the chimneys tested, for an unsafe flue is a fire menace, and a smoking fireplace a torture to one's senses. Two of them were found unsafe and they had to be rebuilt. One, an outside chimney, was built of native stone and was almost covered with white plaster in imitation of the old foundation of the house. It was so in keeping, that, combined with an unintentional crookedness it has always been mistaken for an old one.

This work, as well as the heating and plumbing, required professional workmen, and were the three really expensive items. But the rest was for the most part the work of amateurs intimately concerned with the results.



Indispensable Value

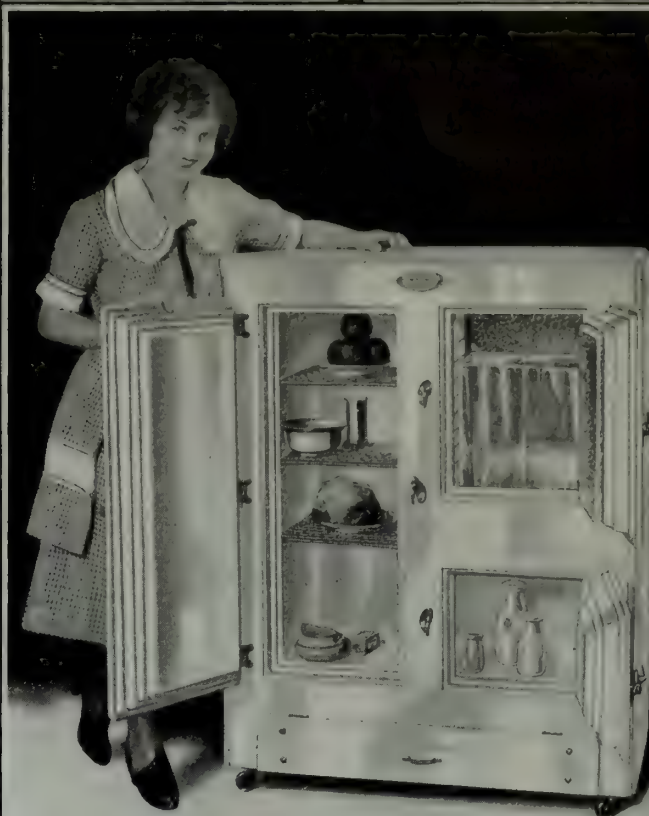
SLIGHTLY over two years ago the first Maytag Gyrafoam Washer left our factory, and we are confident no other household appliance was ever more carefully supervised from drafting room to testing laboratory than this new Maytag. All that we had learned in thirty years' manufacturing experience went into it. It was a washer destined to fulfill our purpose to produce America's finest washer and to attain world leadership.

Thousands upon thousands of Maytags are now in use—yet to us this is not the most gratifying token of success.

For today, and in spite of the most diligent inquiry, we can find no record of an owner who has disposed of her Gyrafoam to purchase any other washer, nor a dealer who has voluntarily relinquished his Maytag franchise. This remarkable demonstration of faith, of deep-founded approval, is the tribute we value most.

May I urge that you try this washer in your own home? The Maytag dealer relies on the Gyrafoam to sell itself to you. It will.

F. L. MAYTAG, Founder
THE MAYTAG COMPANY, Newton, Iowa



Genuine Porcelain Enamel Inside and Outside

BOHN
SYPHON REFRIGERATOR

The ability to preserve in whole some goodness, even most perishable foods, is found in a superlative degree in this new Bohn syphon refrigerator. The clean lustre of crystal-white porcelain, inside and out, combined with the efficient Bohn syphon system, assures the modern housewife of healthful refrigeration.

Adopted by the Pullman Company; every dining car on all railroads is equipped with Bohn syphon refrigerators and is a rolling testimonial of unsurpassed efficiency.

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Retail Salesrooms in the following cities:

NEW YORK—5 East 46th Street
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Every experienced traveller who owns an Oshkosh Trunk is in one sense inexperienced. He has absolutely no conception of how poor a poor trunk can be.

An attractive booklet describing Oshkosh Trunks will be sent you on request to 457 High Street, Oshkosh, Wisconsin.

OSHKOSH

THE OSHKOSH TRUNK
COMPANY

Oshkosh, Wisconsin, and
New York City



*Another good rock garden Iris that is worth looking up is *I. setosa canadensis*, an interesting native species photographed here at Mt. Desert, Maine*

IRISES IN THE ROCK GARDEN

(Continued from page 93)

May. They are compact, quite wildly floriferous, making splendid spreads of color over the hillsides of the rock garden, almost as many hued as their tall prototypes and, like them, of exceeding amiability.

For the most part these Irises are forms or hybrids of several widely distributed European species. Hybridizers have of late been so busy with them that their name approaches legion, and there are unhappily many poor ones both in form and color, as well as many that so nearly duplicate each other that confusion spreads from catalogs to gardens and the result of our expenditure is too often disappointment. At the present time the Iris Society is doing a noble work in trying out these dwarfs and sifting from among the fine and distinct kinds, the duplicates and those of inferior color and habit. Soon we shall have lists purged of all save the distinct and the lovely, and our choosing will be a matter of certainty.

In the meantime here are a number that may be relied upon to give complete satisfaction. There is no doubt that the fat little elves that derive

from *Iris pumila* are the most enchanting. The first of these to flower—about April 8th with me—is *I. atrovioleacea*. It is the smallest, not exceeding four inches over all, and its blossoms are a good purple and look very well near a patch of the lovely blush-pink *Arabis alpina rosea*. Very dwarf also and early-flowering are the two "grey-sky-blue" forms, *I. coerulea* and *azurea*, both rather scarce, but worth taking a deal of trouble to find, for few plants of any kind provide us with such lovely breadths of color in the spring. *I. gracilis* is small, silver-grey with claret markings and fragrant; *I. macrocarpa* is purple and there is a white form of *Iris pumila* that must be delightful but I have not found it yet. One called *I. alba nana* that is listed in at least one Iris catalog this spring may be the desired plant.

Following close upon the heels of these small charmers come others of slightly greater height. They flower in late April and the early days of May and are from eight to twelve or fourteen inches tall. A good selection

(Continued on page 146)



Iris prismatica is happy beside a rocky pool. It is taller than the others suggested in the accompanying article, but is slender and appropriate in such a setting

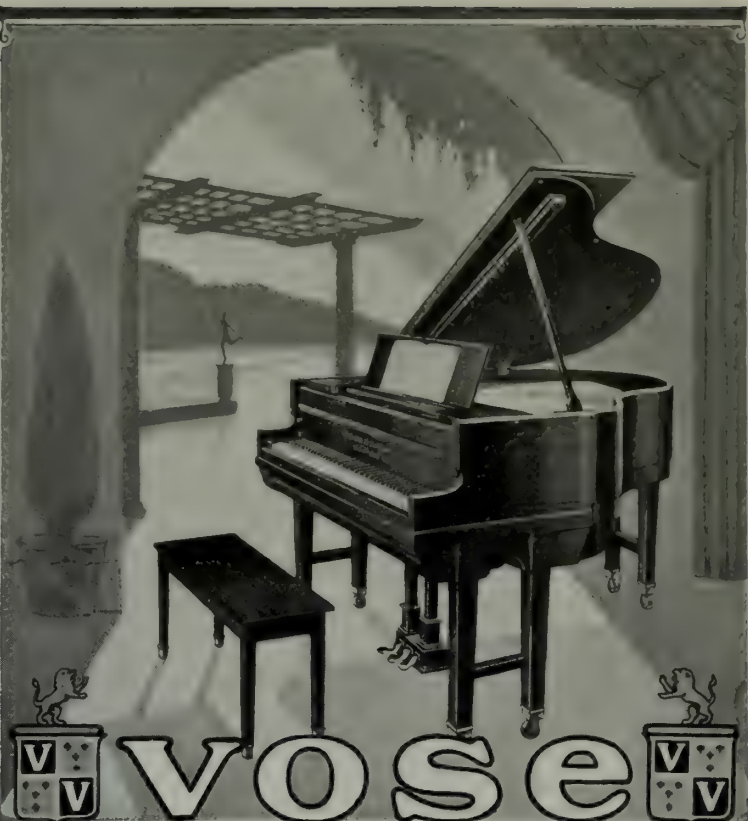


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SHOWN ABOVE—Painted leather bed, antique finish,
3 feet 6 inches wide, with foot, £18:0:0; without foot,
£13:17:6. 4 feet wide, with foot, £19:0:0; without
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brings into your home the art of the world's greatest
pianists, with all their subtlety of touch and expression.

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world-famous, the Vose price is moderate.

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best Colonial models, in every respect
a substantial, worth while piece—
genuine mahogany, hand-rubbed fin-
ish, ball and claw feet, raised cabinet,
dust-proof drawers and two secret
drawers. Made entirely by hand,
solid brass fittings. This is one of
our most attractive reproductions and
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38" long, 20" deep, 42" high

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anteed as represented or money re-
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**Colonial
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GENUINE MAHOGANY

Fluted posts, 54" high; beauti-
ful hand carved pineapple tops.
Panels in head and foot boards
of exquisite pencil stripe grain
mahogany. Hand made through-
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tinctive dull rubbed satin finish.
Unmatchable in price or quality.
Made in three sizes.

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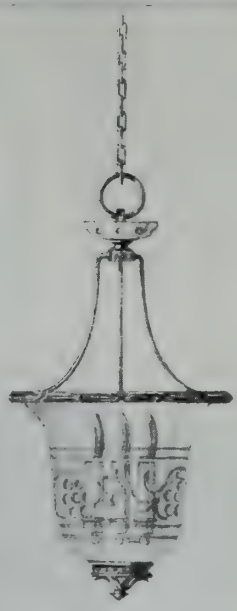
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Since 1867*

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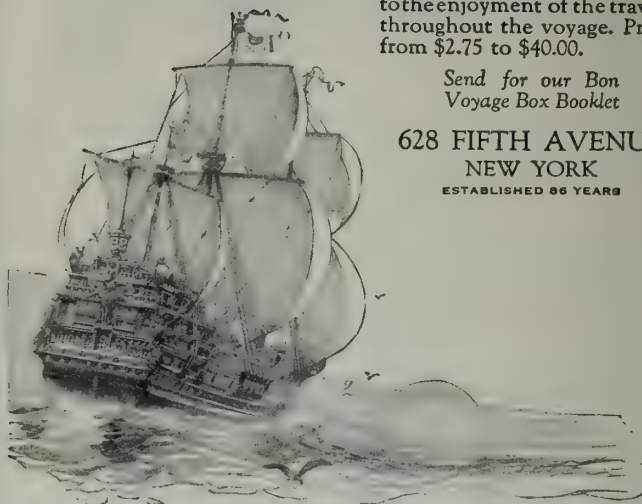
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The Robert Mitchell Furniture Co.
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Italian Importations:
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Inspection invited. Descriptive matter upon request.

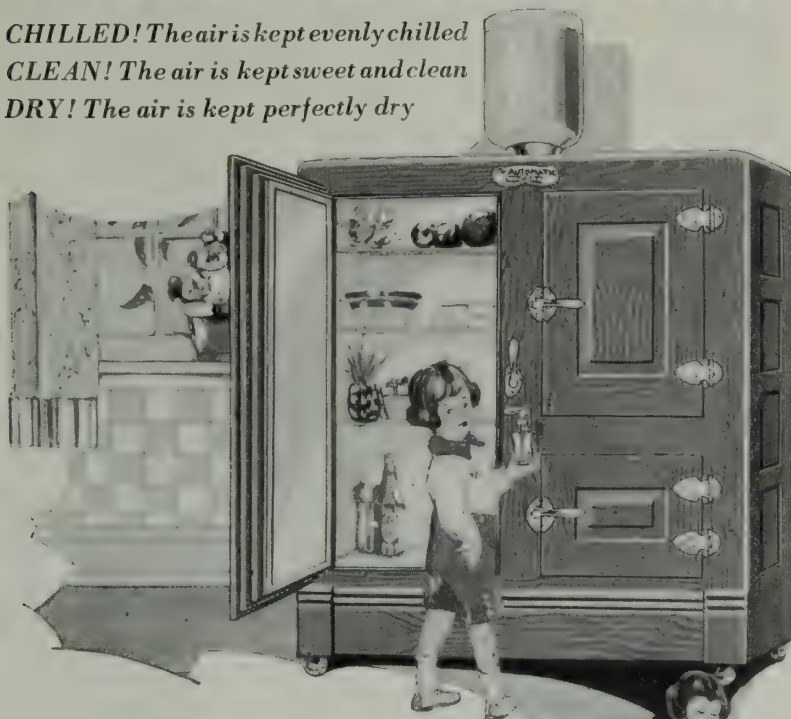
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MORRISON, ILLINOIS

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The **AUTOMATIC**

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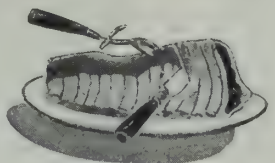
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IRISES IN THE ROCK GARDEN

(Continued from page 142)

is the following: Socrates, a fine claret hued variety of nice habit and form; Cyanea, deep blue-purple; Black Midget, very dark purple with interesting almost black buds; Orange Queen, deep yellow, with a large blossom; Glee, a lovely soft tone of yellow, with a longer period of blossoming than any dwarf known to me. It is well named. Lutea and Excelsa are very good yellows, the first paler than the second, and both quite dwarf; *I. lutescens stellatae*, creamy white, delightfully free and very sweet; the Bride, a lovely grey-white about ten inches tall that should be in every collection.

These Dwarf Bearded Irises love a sunny situation in well-drained soil. They do well in the ordinary soil of the rock garden if plenty of humus is added and they are befitted by an occasional dressing of bone meal.

FOREIGN DWARFS

Very different in appearance from the foregoing varieties are four little foreigners that grace the rock garden exceedingly. They are slender, with narrow leaves and slight stems carrying lovely, butterfly blossoms. They are *I. arenaria*, *I. gracilipes*, *I. ruthenica* and *I. minuta*. These are not so readily procured as are the Dwarf Bearded sorts. One may have a long quest through foreign seed lists and through domestic Iris catalogs before the four are assembled, but it is a proud day when it comes and worth all the waiting and the trouble.

Iris arenaria, the Sand Iris, is a minute Hungarian species with a wiry ereeping rhizome. It requires to be planted a half inch deep in sandy soil with a layer of good soil just beneath where the feeding roots may find sustenance. It is a sun-lover and spreads about rapidly making nice patches that in early April are entirely covered with large bright yellow blossoms as vivacious and as ephemeral as a flight of yellow butterflies. Seed of this species is sometimes offered in foreign catalogs and this, if fresh, germinates quickly and the little plants are ready to flower the second year from the sowing. Once in a while plants are offered in an American catalog, but not often, strange to say, for it is a most precious small treasure.

A TALLER SORT

While *Iris arenaria* spreads about and holds its yellow blossoms low to the earth, *Iris gracilipes* arises slenderly to a height of about a foot. It is perhaps the most lovely of the dwarf Irises. In time it makes a nice clump of narrow green leaves slightly ribbed from among which arise in mid-May in great profusion delicate stems bearing aloft the most exquisite fragile blossoms, pale lavender-blue in color and thin, almost, as tissue. This valuable species hails from wooded slopes in Japan where it grows in loose vegetable soil. Such a position suits it in the rock garden—a little slope shaded for a part of the day and a well drained soil rich in leafmold. An occasional top-dressing of this

nourishing food is a consideration well repaid.

Iris ruthenica is a dainty and delightful species whose range in nature extends from Hungary to East China and Korea. Its height is about eight inches, its blossoms blue-lavender, the falls spreading and attractively veined with white. It has the added grace of delightful fragrance. The leaves are very narrow. This plant requires full sunshine and a soil of humus or leaf mold well mixed with stone chips and a little sand to insure drainage.

IRIS MINUTA

Iris minuta is a quaint little sou whose natural haunts are not known—that is, it is not known in a wild state. It was brought from gardens around Tokio and Yokohama to Western gardens, but is still very rarely met with. It is probably not sufficiently striking to take the eye of Iris-lovers accustomed to the gorgeousness of the larger forms. But for the rock gardener whose eye is keen for small bit of beauty it is a treasure. The photograph of *Iris minuta* shown is so good that there is no need for further description of its charms, save to say that its sprightly blossoms are yellow. With me it thrives in a soil of leaf mold and sandy grit with the top dressing of stone chips, and in a sunny situation, though the large rock seen at the back protects it from the afternoon sun.

Besides these four undoubted rock garden treasures there are a number of taller species—taller, but slender and with blossoms lightly made and lightly carried. Of these are *I. chrysographes* from China, a lovely velvety red purple; *I. Forresti*, with charming yellow blossoms, that appear in late May or early June, and *I. Bulleyana*, that blooms at the same time, but bears soft blue blossoms. It is a somewhat larger and stronger-growing plant. The three are from West China and like a low position in the rock garden where moisture gathers. In my own rock garden I also grow *I. tectorum alba* for, though its blossoms are larger than those of other Irises admitted, its supreme beauty seems to demand a special setting, and it is not tall, nor pervasive. It likes, too, the sunshine, the protection and the thoroughly drained soil there to be found. The type, a delightful mottled blue in color, is a fine plant, but the white form is to my thinking the most beautiful of all the great family. *Iris tectorum* belongs to the same section—the Evansia or Crested section—as do *I. gracilipes* mentioned above, and *I. cristata*, one of the most delightful of our native species.

NATIVE AMERICAN IRISES

When we come to think of native Irises it is with a distinct thrill, for here is a field that has been little explored but which promises infinite returns. The Western coast states are especially rich in beautiful species and these are almost unknown in the East save among a few adventurous gardeners who are always reaching out.

(Continued on page 148)



These *HEAT WAVES* show
how the heat *RISES* and *ESCAPES* through
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That's what makes the snow melt so fast on your roof. Do you like to buy coal to melt snow? This is sheer waste, and you can stop it by insulating the roof and walls of your house with

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B O R E D O M



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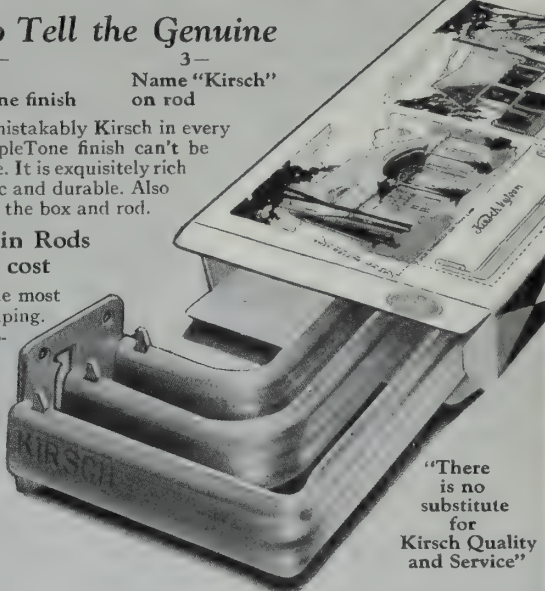
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- 3— Name "Kirsch" on rod

Kirsch Rods are now unmistakably Kirsch in every way. The patented StippleTone finish can't be mistaken for anything else. It is exquisitely rich and silk-like. More artistic and durable. Also the name "Kirsch" is on the box and rod.

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at no greater cost

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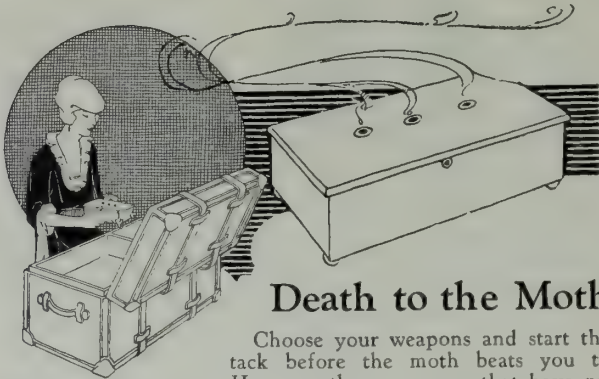
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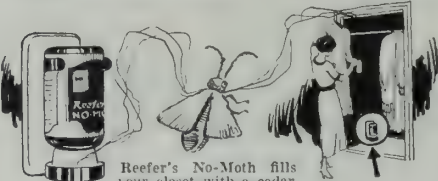
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IRISES IN THE ROCK GARDEN

(Continued from page 146)

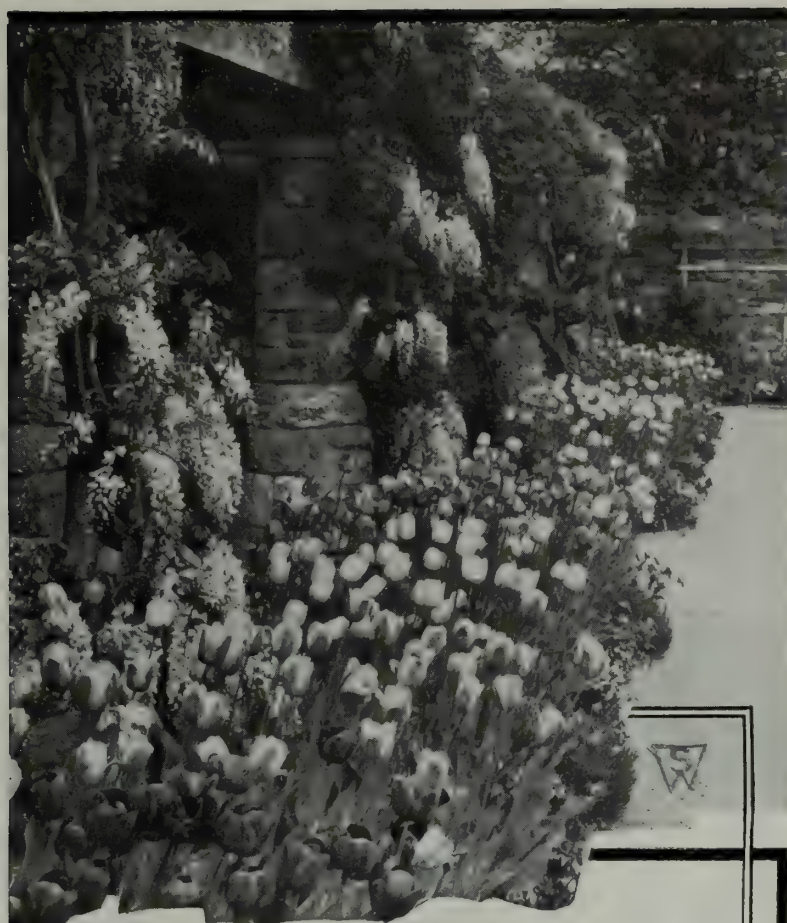
to the far places of the earth for something new under the sun. Not a great deal is known of the way to make these Irises happy in Eastern gardens. It is believed that they dislike lime of all things, that they should be grown in well-drained vegetable soil in full sun. And under these conditions some thrive and others fail. *Iris tenax* grows well with me and it is a charming plant whose blossoms vary from deep claret-color through various tones of lavender to almost white. The foliage is evergreen and the height of the plant here is not more than eight inches. Other lovely California species which should be tried are *I. Macrosiphon*, *I. Douglasiana*, *I. Hartwegii*, *I. Purdyi* and *I. bracteata*. These Irises should be secured very early in the spring when growth has hardly begun. They are then more apt to settle themselves in their new surroundings and thrive. They may also be raised from seed—and perhaps this way carries more certainty of success than any other—and planted out in the places they are to occupy when very small. I have lately received two tiny species from the mountains of Oregon—one a white-flowered kind from the neighborhood of Crater Lake, the other sent as *I. gormani*, about which I know nothing at all. These great treasures are the result of friendships sprung from correspondence with unknown flower-lovers across our wide country, and with them came the most precious small members of the Primula family and any number of other diminutive green and grey plants that promise great delight.

Even the native Eastern species of *Iris* have not received the attention that their beauty and usefulness merit. Probably *Iris cristata* of the Southern States is the only one that enjoys anything like general recognition. From Maryland to Georgia this lovely and sprightly species grows over hillsides

and along streams. It is a very dwarf species with lavender-blue blossoms, the falls marked by a bright yellow crest or fluting that gives them a very festive appearance. In the rock garden almost any situation suits them save one in dense shade. They are delightful on a little slope, which the creeping rhizomes will quickly cover and at the blossoming time there will be a veritable sea of delicious color. *Iris cristata* and the members of the Dwarf Bearded Group spoken of earlier are the best kinds for the beginning rock gardener; they give so much beauty for so little effort on our part. The white form of *Iris cristata* is still very scarce but it is a lovely thing and once found should be tenderly cherished.

Iris lacustris is a good deal like *I. cristata* but is smaller and slighter in all its parts. It is not so vigorous and gay a plant as its Southern relative. Its native habitat is along the shores of the Great Lakes. *Iris verna* is a species of great charm when well grown. It is a Southern species, but quite hardy in the climate of New York. It grows on dry hillsides from southern Pennsylvania to Georgia and Texas, and I have seen it spreading about over the sand hills of North Carolina in great patches. This species requires an acid soil and there is little use trying to propitiate it with anything else. It is a little slender-stemmed species not more than eight inches high. The flowers lavender with a gold band at the base of the haft. It is a charming upstanding flower quite worth the trouble required to make it a little bed of sand and peat and oak-leafmold.

Other native Eastern species that the collector will wish to grow are the various forms of *I. Hookeri* and *I. setosa*, *I. tridentata*, and *I. prismatica*. This last is taller but very slender and is well placed near a little pool.



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Until July 15th—not later

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Reverend Ewbank—Beautiful soft lavender-violet....	\$4.00	\$38.00
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25 each of a variety at 100 price; 250 each of a variety at 1000 price.

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The Flycatchers are entirely insectivorous, living off the pests of the air. This strikingly original house will attract them. Place on a pole or hang. Green, of pine. 15 x 11 x 18 inches.

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It brings the silver-throated wren! A 4-compartment house satisfying their habit of changing nests for each succeeding brood. Beautiful design, to hang from tree, eaves, or elsewhere. Green. Of oak, with cypress shingles, copper coping. 28 inches high, 18 inches in diameter.

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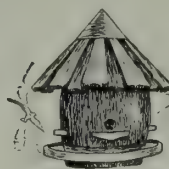
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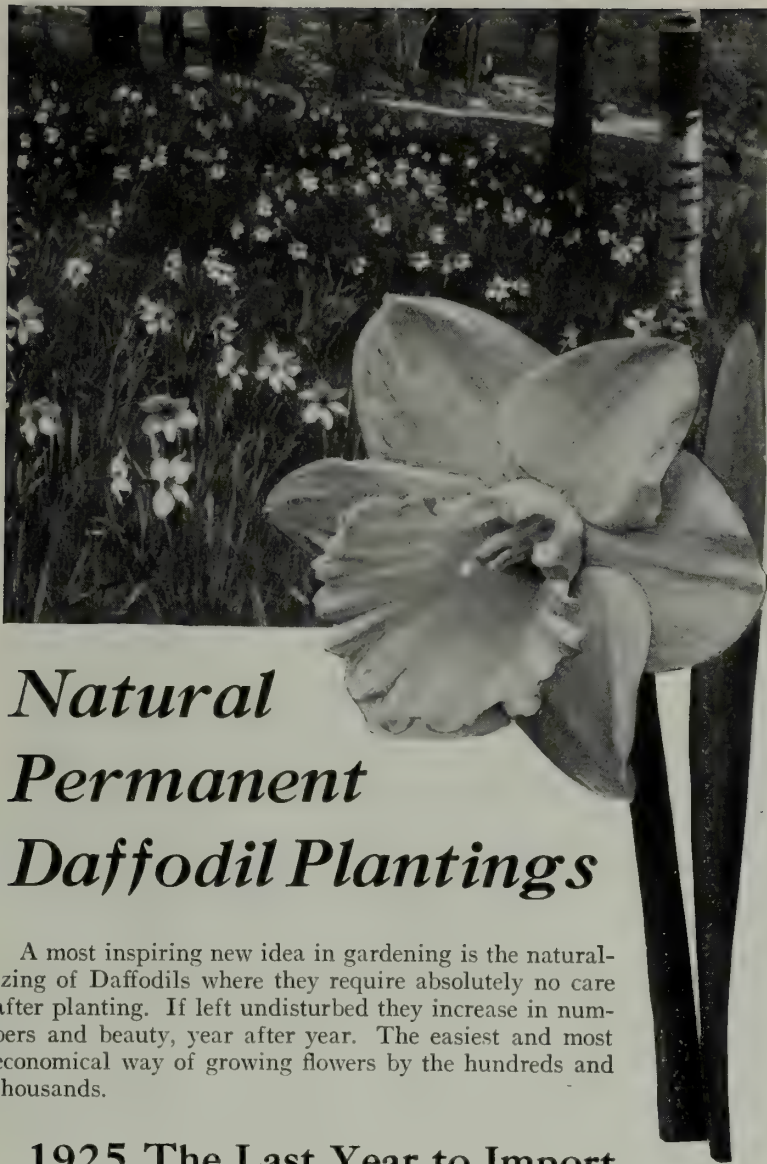


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Pittsburgh, Pa.



The chimney on this old frame house in Fredricksburg, Va., shows how important a part of the building it was considered, both for usefulness and beauty

ARCHITECTURE OF CHIMNEYS

(Continued from page 87)

fire destruction was an ever present one.

This resort to size and massiveness for safety from fire fortunately furthered appearances. One seldom finds a chimney too large for its house.

With the present day use of tile flue linings, instead of the parged or plastered brick flues of former times, the need for massive masonry is greatly lessened. This often results, when economy is pressing, in the reduction of the chimney girth until it becomes an emasculated feature of the gable end, or a mild excrescence surmounting the roof.

From the standpoint of design, it would frequently be wise to be somewhat extravagant in chimney sizes, and to simplify elsewhere, if anything is left to simplify. It is of prime importance to have the mass outline of the house at its best. Chimneys form the accenting note in the total mass effect, and so demand consideration before the finer details of cornices and of trim for windows, entrance doors and the like.

The placing of chimneys requires skill and study. With the increasing dependence upon them for interest in the shaping up of the house mass, there has developed freedom in location which runs sometimes to extremes. We have the spectacle of chimney stacks obviously located where there is no logical connection with interior space of adequate size to accommodate important fireplaces.

The ornamentation of the chim-

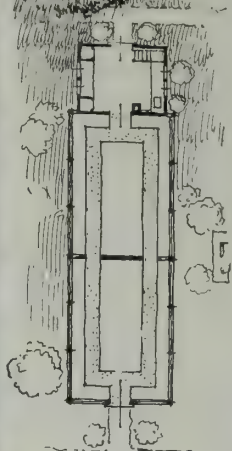
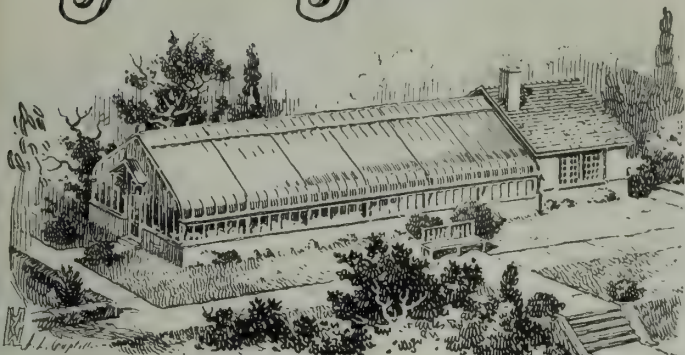
ney shaft and its base offers unusual opportunity for interesting masonry work. Very fine effects are secured with the plainly walled mass well capped either with brick or stone and sometimes with a course or two of slate set in the brick work near the top with just the rough slate edges showing. The recessed panel with a circular head may also be resorted to and the capping may be done in moulded brick or in stepped brick courses. In fact, the range of possible chimney ornamentation is endless.

There are many practical features of chimney construction which demand attention. The design of fireplaces and the size and height of flues are of great importance. The proper pitching of flues and their careful lining with tile is likewise most conducive to successful operation and safety from fire danger. Then there are such details as dampers, ash drops to fire places, tile caps for the chimney tops and so on.

As an interesting excursion into the practical side of chimney and fireplace design, the dissertations of the 18th Century Count Rumford of Bavaria are worth looking up. The results of his experiments as embodied in his elegant essays on theory and practice for fireplaces and flues have been highly influential both in Europe and America. His idea with regard to the basic theory of fireplace design—the reduced throat and large smoke chamber above the throat remains a guiding principle today.



Glass Gardens



The house all three bought had but one compartment. This one has two, giving double the growing space.

The Same Week Three Buy The Same House

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Three people insisted on buying it. So we sold it to one, and made exact duplicates for the other two.

All three of them wanted them home at once. All three were going to locate it near their home, so they could have the fun of fussing around among their flower friends, regardless of the season or weather.

As you doubtless know, there were several other greenhouses at the show, but all three decided ours was the most attractive in design, and best in construction.

We have photos of the house in an actual outdoors location, also interior views and a full description, which we will gladly send you.

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The kind to select

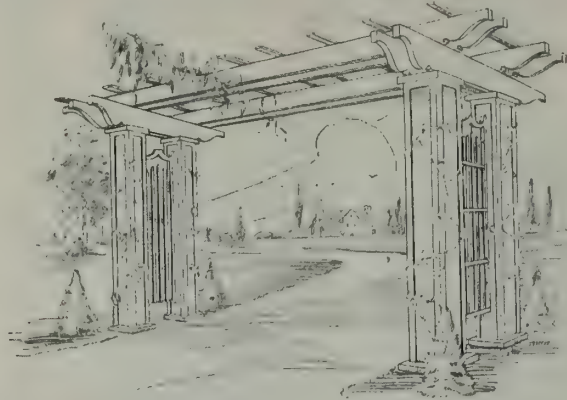
Four varieties are recommended: Lawler's Victoria—large, creamy-white petals with broad, beautifully flanged yellow trumpet, \$1.00 per dozen, \$7.50 per hundred, \$65.00 per thousand. Lawler's Sir Watkin—pale yellow petals, four inches across and a bright yellow cup, frequently tinged near the mouth with orange, \$1.00 per dozen, \$7.50 per hundred, \$65.00 per thousand. Lawler's Conspicuous—refined, soft, yellow petals with a wide-mouthed yellow cup rimmed with orange-scarlet, 75¢ per dozen, \$6.00 per hundred, \$45.00 per thousand. Lawler's Recurvus—Poet's Narcissus—small white flower with brilliant red eye, 50¢ per dozen, \$4.00 per hundred, \$30.00 per thousand. Parcel Post or Express additional—add 20% for transportation.

Why Lawler's Bulbs

The George Lawler Gardens, at Garden-ville, Tacoma, Washington, are a Pacific-Northwest show place. The August Garden Magazine paid Lawler's American-grown bulbs a beautiful editorial tribute. Orders are being accepted now for late summer shipment—for September planting. Bulbs are dug and cured only for orders actually on file. If you would obtain Lawler's American-grown, superior quality bulbs, send in your order at once. Volume of business that will be accepted is limited. Delay in ordering means disappointment. No order under \$2.50 accepted. Orders handled in the order received. Address George Lawler, Gardenville, Tacoma, Washington. His catalog, featuring more than a hundred varieties of American-grown bulbs, on request.

That Finishing Touch

Garden Craft Entrance No. 307 (below) for the driveway may be the needed addition to an otherwise perfect garden setting. Gates can be furnished at small extra cost.



Opening 9 ft.
wide 8 ft.
high; columns
8 x 8 in. Panels
between
columns 14
in. unpainted,
in sections
ready to erect.

PRICE
\$125.00

Arbor or Garden Entrance No. 350 (right) will lead you down the path to more happy hours in the great outdoors.



Dimensions 3 x 4 ft.
7 ft. high with
posts which have
been creosoted, extending into the
ground 2 ft. unpainted, in sections
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PRICE . . . \$37.00

Prices quoted are for cash, delivered f.o.b. your freight office. If your local dealer cannot supply you, you may order direct from this advertisement, or send for our attractive catalog which is filled with suggestions.

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World's Largest Manufacturers of Garden Furniture

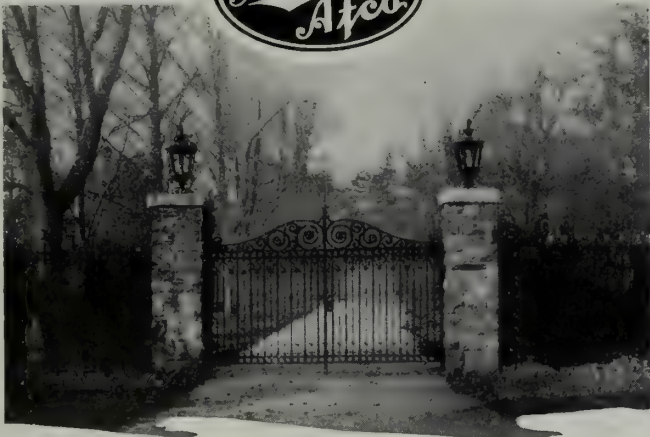
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Ask for Book of Designs "C". Estimates will be cheerfully furnished



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Dust-laden drives are disagreeable, unhealthy, injurious to grass and foliage and mar the appearance of the grounds; furthermore they are entirely unnecessary.

Solvay Flake Calcium Chloride, a clean, odorless, harmless chemical, is a natural dust preventive and road binder, that protects the surface from wear and controls the dust.

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The Kind of a Lawn and Garden You Want

A LUXURIANT growth of flowers and shrubbery—a profusion of vegetables all through Spring, Summer, and early Fall—the smooth, rich green of a perfect lawn—such results are best brought about by scientific watering. Ten days of hot, dry, weather can make a failure of your garden, no matter how much work you put on it in the Spring.

The modern gardener knows that the Skinner System will not only provide water during the dry weeks of Summer—but it will make planting easier; it will make fertilizing more effective; it will minimize danger from early frosts in the Fall.

Send for our book "RAIN," written by Skinner System irrigation experts. It is an authority on modern methods of watering. It tells you how you can be SURE of having the kind of a lawn and garden you've always wanted, whether you have a small city garden or a large estate. Send us your name to-day and we'll mail your copy of "RAIN" at once.

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SYSTEM
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Then it knocks
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Because It Kills The Rose Pests It's Death On All Garden Bugs

FIRST it gets the sap-sucking aphids. Then it gases and kills the frisky rose chafers and white flies. After which, it bids the rose bug a farewell.

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Acres of Beautiful Blooms

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NEVER before in our more than fifty years growing peonies have we had the unusually large assortment of those wonderful choice varieties we are offering for fall planting. Flowers from this stock, competing with those entered by all other growers, won the three highest prizes at the greatest National Peony Show ever held.

Brand's Peonies awarded Gold and Silver Medals at National Peony Show.

Brand's Peonies awarded Grand Sweepstakes at St. Paul Peony Show.

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You will want some of these, the world's most beautiful peonies, for your fall planting, therefore, write to-day for Brand's FREE catalog of Peonies and Iris, giving varieties with full descriptions, and prices.

BRAND'S BIG PEONY MANUAL, which we consider the most complete and up-to-date work ever written on the Peony, gives the history of that flower, its culture and varieties. Price 35c., but that amount may be deducted from price of your order.

Growers of Peonies for More than 50 Years

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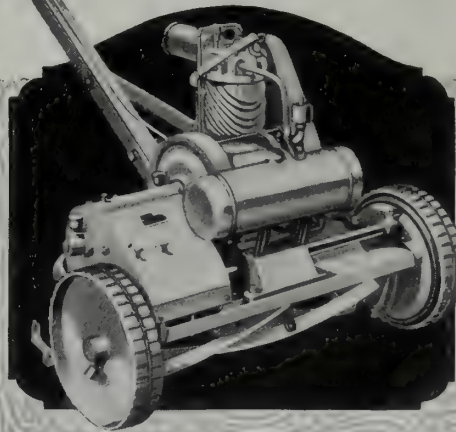
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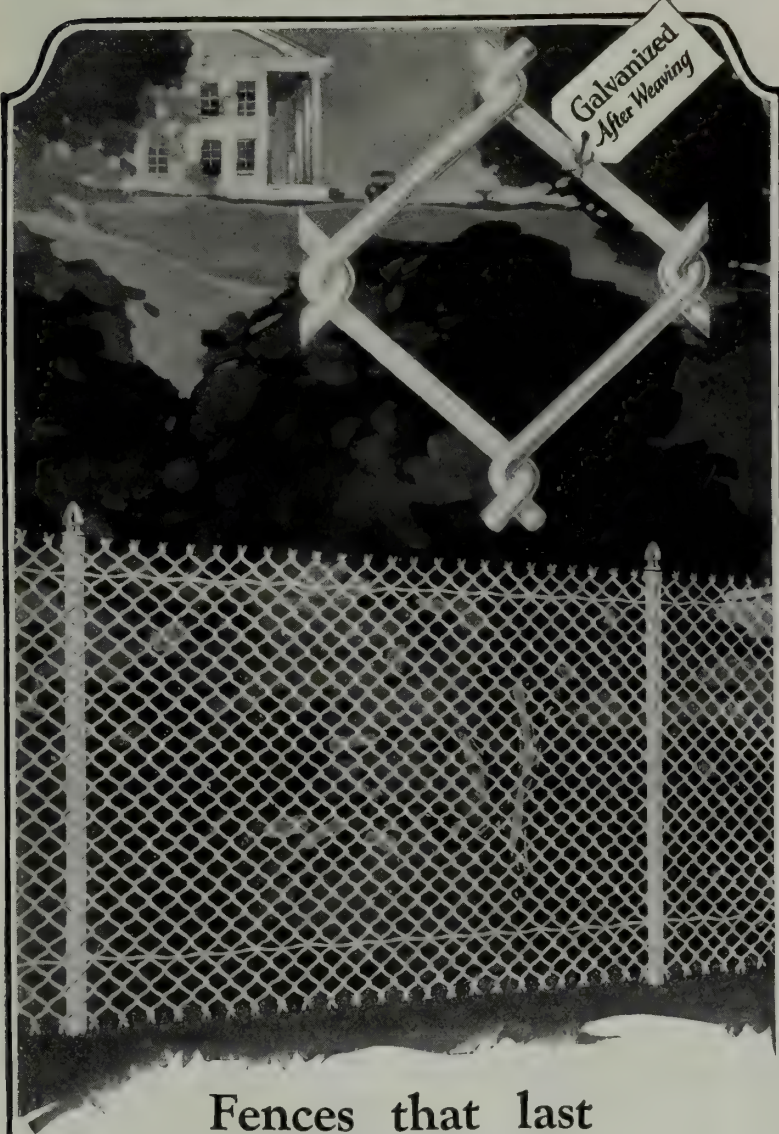
JACOBSEN MFG. CO.
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There's a Jacobsen Mower for every type of lawn. Write for literature. Demonstrations arranged without obligation.



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Fences that last for decades

The fence you buy this summer may be a constant source of expense—or, because of its enduring construction, a constant source of economy.

If you buy an Anchor Chain Link Fence, you buy a fence whose enduring construction is based on 35 years of fence building experience.

Anchor Fences last for decades: First—because their chain link fabric is made of rust-resisting copper-bearing steel.

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is galvanized after weaving as a double safeguard against corrosion.

Thirdly—because of our drive-anchor method of securing the posts.

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Sales Agents In Other Cities



THE BIRD ON THE ROOF

(Continued from page 110)

other means of communication had failed, brought into headquarters from the tanks which smashed the German lines at St. Mihiel. Not even wireless can compete with the Homer on the modern battlefield, and the wounded survivor, floating on the surface of the ocean in the wreckage of his plane must depend upon pigeons and pigeons alone for rescue. It is no wonder that American birds came back from the war covered with foreign decorations.

It is not, however, for war that the Homer is produced in such great quantities as he now is, but for the great sport of pigeon racing, which has developed so many followers in recent years that today almost every city in the United States has its racing clubs, and there are several national organizations for the furtherance of the sport.

Pigeons are monogamous and usually once mated remain so all their lives, unless the owner forcibly separates them and arranges a new alliance. They raise their young in nests built of tobacco stems in earthen nest pans, at the rate of from five to nine pairs a season. Pigeons moult late in the summer and at that time breeding is usually halted by the owner who separates the sexes until the following February or March. It is well to have a loft which can be easily partitioned into three compartments, one each for cocks and hens and a third for young pigeons. These latter are often pecked unmercifully by their elders as soon as they have left the nest, and some protection may save a valuable bird from permanent injury. The young may be kept away from the others until they are old enough to disclose by their love making which of them are cocks and which hens.

Pigeons are always banded, that is the owner slips a tiny ring of aluminum upon the leg of the week old squab, and this band is so inscribed as to act as an identification mark. Bands may be purchased from dealers but more often they are issued by the national pigeon organizations. There is rivalry among these, and one of them may and sometimes does exclude all pigeons not banded with its bands from

any show conducted under its direction. These national pigeon societies are federations of local clubs, and in addition to them there are specialty clubs with members scattered country wide, for the promotion of individual breeds.

Pigeon fanciers enjoy several periodicals devoted exclusively to their interests. There are at least three monthly magazines in the United States covering pigeons in general, and at least one for the racing pigeons alone. There are of course many foreign pigeon journals and one of the English papers enjoys an American circulation.

Pigeons vary tremendously in price, prize winning birds often bringing high figures. Good birds of most of the show varieties sell at from five to ten dollars a pair. The usual advice to the novice is to buy stock birds of known parentage and to raise from them his own prize winners.

Two objections to pigeons are usually raised by members of the family of him who has just caught the pigeon fever. One is that pigeons are dirty, and the other is that they will damage the garden. Neither of these is true. The pigeon keeper will not find his loft so difficult to keep inoffensive as his chicken yard. If his birds are kept confined to small enclosed yards or flies, it is obvious that they can do no damage to crops, and if pigeons are fed regularly they will never forage abroad.

When I first built my loft for Homers I had an apprehensive neighbor whose garden my pigeon house overlooked. For his benefit I confined the pigeons to their screened fly while his corn and beans were emerging. Since then I have let them roam unrestrained the year round and they have never injured a plant. On the contrary, this last spring (this is a story you may tell to anyone, but especially to gardeners, it will do them good) one pair went out into this man's garden and worked hard to pull from the newly cultivated rows, not plants, but witch grass roots, which they carried back to the loft and used there to line their nest. More good than this doeth no man.

THE COUNTRY GARDEN

(Continued from page 91)

of house or picket fence; a special effect for that distressing period known as the "July slump"—namely Gypsophila, blue Veronica, yellow Anthemis and Late Lemon Lily—and lastly, in the shelter of the wall, a brave display of hardy Chrysanthemums—one can with difficulty be restrained from volubility.

The third terrace, though its character is definitely fixed by the old-fashioned Roses, Smoke-Bush, Bridal Wreath, coral Honeysuckle, Strawberry Shrub, Southernwood and other

old-time favorites, is left with beautifully empty beds for annuals which may be varied at one's pleasure.

The lowest level is but a shut-in quiet spot beneath the apple trees overlooking the quiet waters of the pond far below—with a splashing fountain, Ferns and Boxwood green, expressing the very essence of dreamy peace.

Other gardens may assail the eye in louder accents, may clamor more insistently to be admired, but this one is a garden to be lived with, and remembered because it just fits its spot.



FLORANID THE RICHEST NITROGEN FERTILIZER

46 PER CENT NITROGEN
Water Soluble and Immediately Available!



Nitrogen is the most needed plant food generally lacking in soils.

Floranid is pure plant food. It gives plants a quick start and keeps them in vigorous growth.

Floranid improves color of foliage, Flowers, Vegetables and Fruit. Greatly increases the quality and yield.

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1lb. Cans and 50 lb. Bags

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128 Duane Street

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Average Number of Pounds of Nitrogen in a Ton of Various Fertilizing Materials

Stable Manure	10
Bone, raw	60 to 80
Tankage, general range	80 to 200
Fish, dried and ground	120 to 180
Blood, dried, black	120 to 240
Cottonseed meal	110 to 160
Tankage, concentrated	200 to 210
Hoofs and horns	200 to 300
Meat scraps	260 to 280
Blood, dried, red	260 to 300
Nitrate of Soda	300 to 320
Sulphate of Ammonia	400
FLORANID (UREA B A S F)	920



BIRD BATH No. 420—32 inches high; bowl 27 inches diameter; base 14 inches square. Price \$18.00. Other styles \$5.00 to \$40.00. SEATS: \$20.00 to \$110.00. F. O. B. Chicago.

FOR A VERY MODEST SUM

you can make your garden more comfortable, more livable, more beautiful with Art Stone pieces—bird baths, urns, seats, fountains, dials and other pieces. Beautifully illustrated style book sent on receipt of 10c.

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A BEAUTIFUL LAWN ENHANCES YOUR HOME

A soft, beautiful lawn so evenly cut that when one walks on it, it feels like a carpet of rich green velvet. That's the kind of a lawn that is made with successive light rollings with each cutting. Then, too, a light rolling controls weeds and conserves moisture, thereby assuring a healthier growth of grass the year round.

For making better, more beautiful lawns at less expense, the Model "L" Motor Lawn Mower and Roller is a wonderful machine. Easy to operate, economical and dependable. Trims close up to and around shrubbery and along walks and borders doing away with the necessity of hand mowers. Low in initial cost and low in maintenance, and with the new detachable gang units, its former cutting capacity is now more than doubled. May we arrange to have our nearest dealer demonstrate on your lawn at no expense—or would you like us to send you detailed literature?

SINCE 1867
COLDWELL
DEPENDABLE LAWN MOWERS

Hand • Horse • Motor • Gang

COLDWELL LAWN MOWER COMPANY, NEWBURGH, N. Y., U. S. A.

FILLING STATION BETTERMENT.

a new cage entirely
of *Pyralin*

A
**Charming
Color Accent**

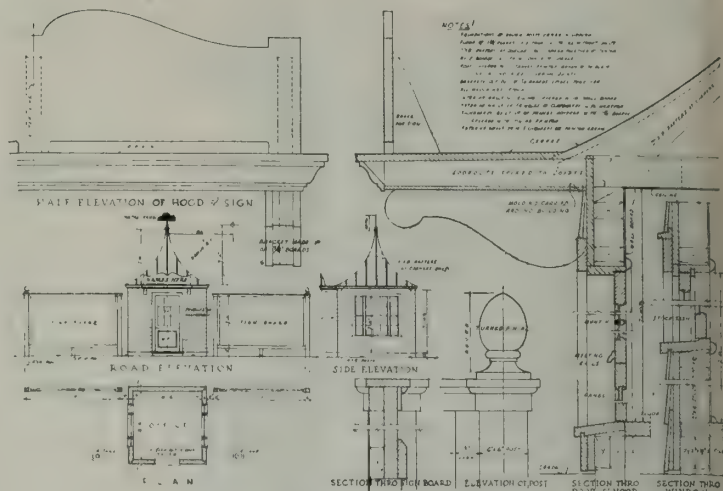
This new cage of Pyralin is made in beautiful combinations of green, amber, orange, black and white. Besides being a healthy home for a songster, it affords a touch of color that adds to the charm of sun parlor, screen porch or living room. Pyralin is hard, smooth and sanitary; the colors are permanent. May we send you a folder in colors?

*Hendryx Cages with Floor Stands to Match
Are Made in Several Hundred Designs*

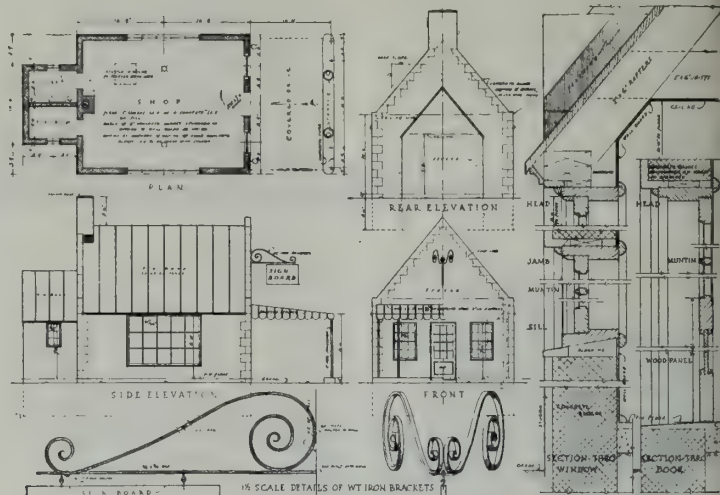


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"HENDRYX" BIRD CAGES
Since 1869

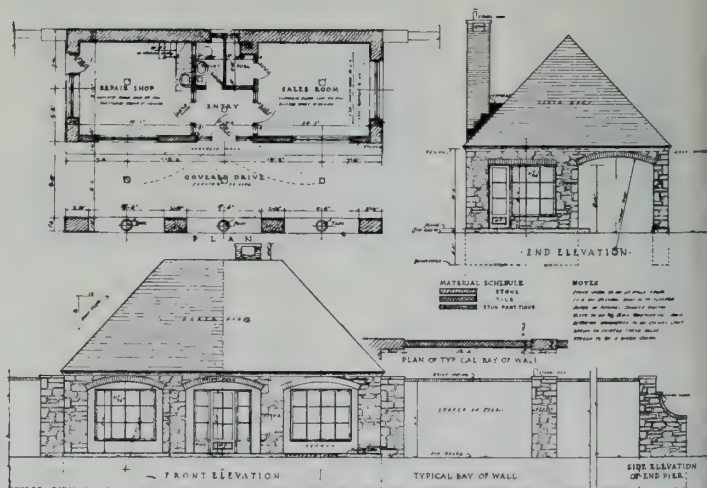
The Andrew B. Hendryx Company, New Haven, Conn.



Type A Filling Station is of frame construction, with walls of either shingles or clapboard and a roof of either painted canvas or tin. Its size and weight make it portable



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Modelled by R. Guy Cowan

THIS Dancing Nymph, a sculpture in porcelain, forms a holder worthy of the flowers. It makes possible innumerable flower arrangements that are intensely beautiful. The sweep of line, the charm of design contrast with the flowers and breathe the spirit of outdoor beauty.

Intrinsically fine and charming, it appeals to those not interested in the commonplace.

The figure (six inches high) is but six dollars. The bowl is from seven to ten dollars according to glaze and color.

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Studios and Potteries ROCKY RIVER, OHIO



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Garden architecture designed, built and shipped ready to erect by Hartmann-Sanders, will add charm and distinction to your grounds and enhance the value of your property as well.

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Enclose it with a non-climbable Page Fence—the fence with the Super-heavy Zinc Coat.

Page is the most durable wire fence made. A super-heavy zinc coat applied after weaving, approximately five times heavier than that on ordinary galvanized wire, assures rust-resistance,

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"I Made an Average of \$104.63 Per Week Sales All Last SUMMER"

"In just the time I could spare from my regular job as insurance man, I have made over \$2,400.00 in

sales during the last 23 weeks—selling Stark's famous Fruit Trees, Shrubs, Hedges, Rose Bushes, etc. Stark's Free Selling Outfit and Instructions—and their constant help made me Succeed From The Start. I sold \$159.45 worth the very first week!" reports EDWARD MENHENNETT, Broome Co., N. Y.



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Declares MRS. FRANK POLLOCK, Stark Sales-woman in VERMILLION CO., ILLINOIS. "In 7 Weekly Reports, I made \$631.75 in sales during the time I could spare—just visiting neighbors and talking Stark Trees & Shrubs. It is wonderfully interesting work."

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Hundreds of irresistibly attractive Natural Color Photo Prints of all best varieties Fruits, Shrubs, Hedges, Vines, Rose Bushes, WILL INTEREST AND CONVINCE EVERYONE YOU CALL ON!

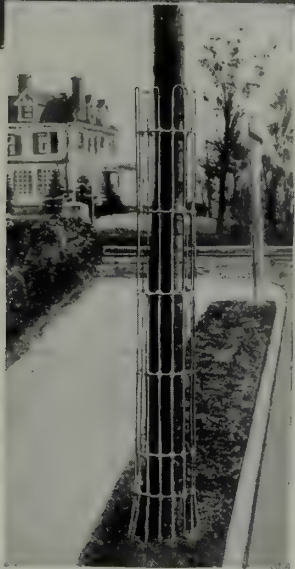
Answer Today! Before some one else in your neighborhood gets ahead of you. Send name and address on this coupon—or a postcard. We Can Start You Selling Immediately! During Summer, you will be given HUNDREDS OF SALES PRIZES, in

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The Wayside Garden Standard In Quality Bulbs

YOU are invited to write at once for our "Import-to-Order" Price list of Tulips, Daffodils, Hyacinths and other Dutch Bulbs for fall planting. Back of every bulb we import stand over fifteen years of *practical experience* in the bulb fields of Holland. Briefly, here are the advantages of sending us your orders early:—

1. You are sure of getting the varieties you want—and every bulb we send is guaranteed true to name and color.
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3. Inspect the bulbs upon receipt. If you are not satisfied that they truly are all we claim, they may be returned to us.

On this basis we invite your call for catalog. Square business principles have won us the loyal patronage of tens of thousands of exacting home gardeners. Greatly increased facilities enable us to take care of additional thousands. And, last not least, we are almost certain that prices this fall will be much higher than those quoted in our "Import-to-Order" Price list.



The Wayside Gardens Co.
Largest Growers of Hardy Plants in America

Mentor, Ohio.
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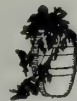
VEGETABLE GARDEN PESTS

CUT-WORM. Sluggish, fat, brown soil worm, $\frac{3}{4}$ inch to 2 inches long with stripe along side; works at night.

Through season, mostly April to June, cutting off young plants and seedlings.

Attacks especially Cabbage, Beans, Cauliflower and Tomato plants.

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Through season, especially on half-grown plants and in dry weather on under sides of leaves.

Attacks Cabbage, Cauliflower, Lettuce, Peas, etc.

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POTATO BEETLE. Common striped beetle $\frac{1}{2}$ inch long.

Through season, first on earliest sprouting potatoes; three broods.

Attacks Potatoes, Egg-plants, Tomatoes.

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3125Y—Height 15 inches

3126Y—Height 33 inches

Garden Pottery in plain unglazed buff or red; or these colors with unglazed blue or black in the background.

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GARDEN POTTERY

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The Weed Exterminator

for Paths, Drives, Cobble Gutters,
Tennis Courts, etc.

“HERBICIDE” is the easiest and most effective means of killing unsightly weeds and grass in any place where vegetation is undesirable. By destroying the ROOTS as well as the tops you get lasting results. Being a liquid, it readily penetrates into cracks and crevices of a cobble gutter or brick walk. “HERBICIDE” gets rid of weeds without disturbing the surface. This is especially desirable in the case of tennis courts.

“HERBICIDE” is quickly and easily applied by means of sprinkling cans or other simple equipment. Each gallon makes from 40 to 50 gallons when diluted. The price is: one gallon \$2.00, five gallons \$8.00, ten gallons \$15.00.



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THE month of June is the ideal time to plant out the gorgeous tender or tropical Nymphaeas or Water Lilies. We

offer strong pot-grown plants that will flower freely this summer of a superb assortment in both the day blooming and the night blooming varieties in many colors including white, light blue and dark blue, rose, pink, red, etc. All of which are fully described and offered in Dreer's Garden Book, which also includes a most complete line of seeds and plants for present planting. A copy free on application, please mention this publication.

Hardy Nymphaeas and Nelumbiums can not be supplied at this season.

Dreer's Water Lily Leaflet

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Mostly in May and June on seedlings.

Potatoes, Tomatoes; leaves punctured.

Bordeaux mixture with arsenate of lead; tobacco dust on seedlings. Watch closely and apply very promptly.



WHITE GRUB. Large, soft, white, repulsive grub or worm, feeding on roots under ground; $\frac{1}{2}$ to $1\frac{1}{4}$ inches long.

Through the season. Especially numerous in newly plowed sod ground and moist places.

Attacks Strawberries especially; also Corn, Potatoes, etc.

Plow late in fall. Summer following, harrow thoroughly before planting. Trap adults ("June-bugs"); destroy grubs and reset affected plants.



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Attacks Onions, Cabbage, Cauliflower, Turnips, etc.

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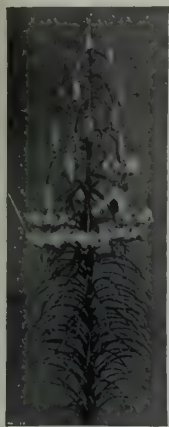
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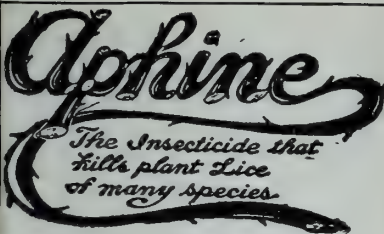
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Second brood in early fall.

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Keep garden surroundings clean. Burn old stalks, weeds, etc.
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Through season, especially as vines begin to run, and in dry
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Attacks Cucumbers, Melons and other vine crops.

Dust heavily with dry arsenate of lead or land plaster. Screen
plants.



SQUASH BUG. Dull black, flat, bad-smelling beetle with
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¼" to ¾" long.

Usually appears late in June, remaining until cold weather.
Young hatched from brown eggs on under sides of leaves; re-
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For Watering
LAWNS, FLOWERS AND GARDENS

It waters a rectangular area
Evenly like a gentle rain



IT WATERS the RIGHT PLACE at the
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Model	Area Covered	Gal. per Minute	Water Pressure	Price
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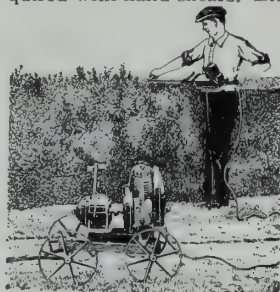
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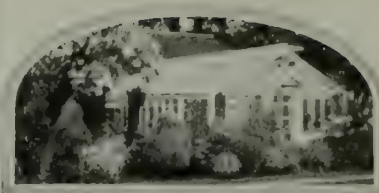
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